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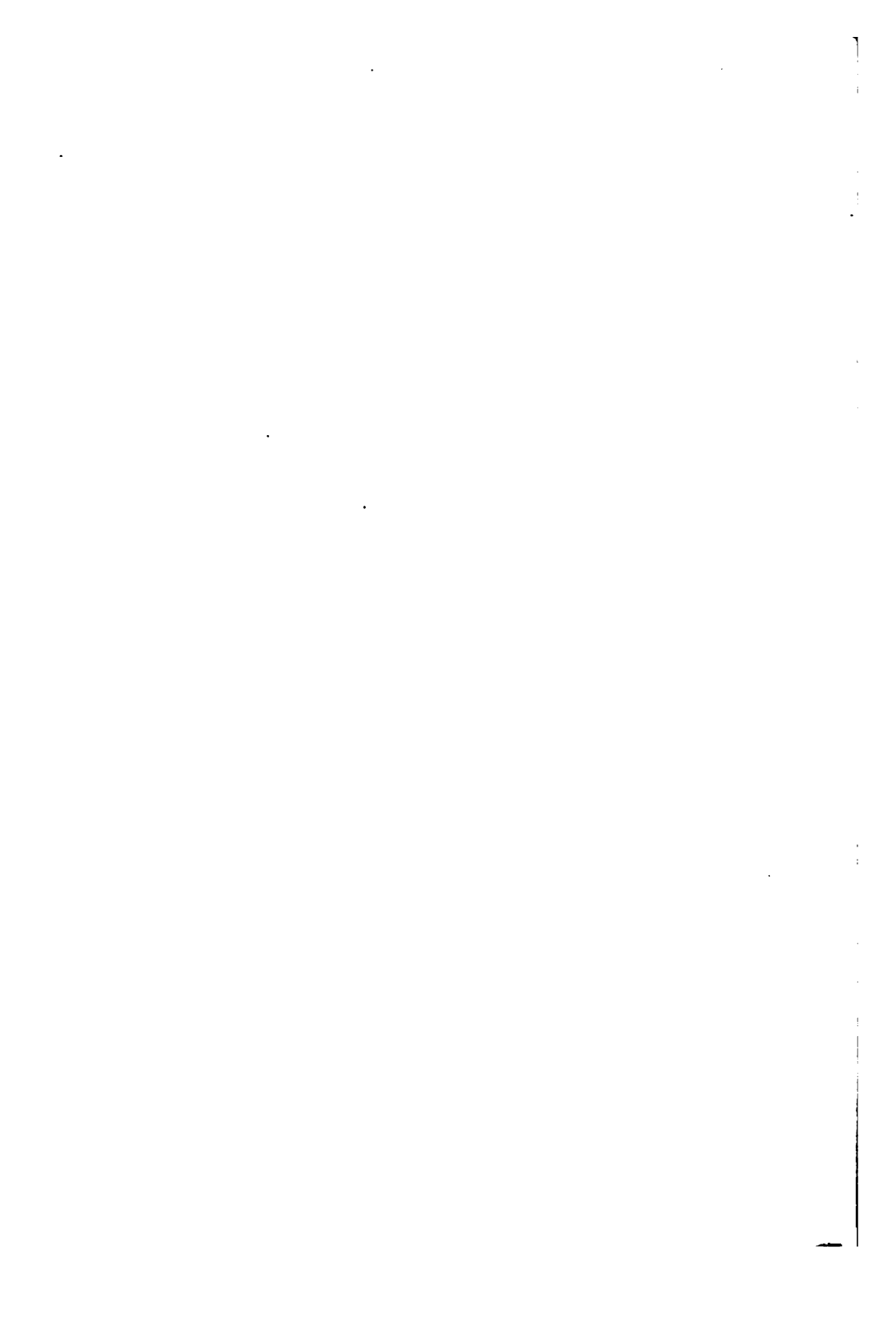
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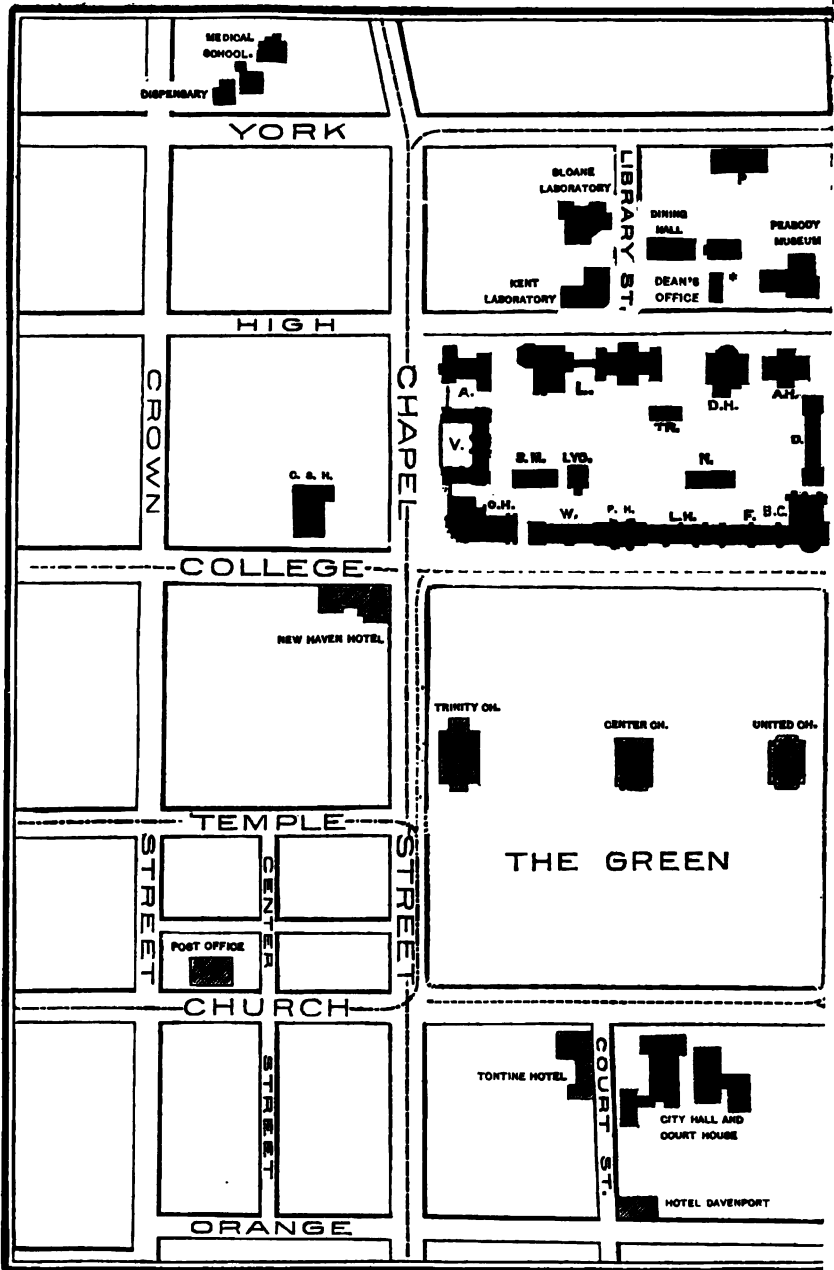








# LOCATION OF THE YALE



\* Office of Dean of Graduate School.

**Scale, 1 in = 400 ft.**

Map showing the layout of Sheffield University buildings and surrounding streets. The map includes a scale bar (1 inch = 400 feet) and a compass rose indicating North (N), South (S), East (E), and West (W).

**Streets:** STREET, ELM STREET, GROVE STREET, PROSPECT STREET, HILLHOUSE AVENUE, WHITNEY AVENUE, N.H. & N.R.R., STREET, STREET, STREET, STREET.

**Buildings and Locations:**

- Gymnasium
- Dean's Office
- W.H. B.H.
- Psychological Laboratory
- Divinity School
- Law School
- Historical Society
- S.H.
- Winch.
- N.S.H.
- S.L.
- B.
- Sheffield Scientific School

**Abbreviations:**

Letter	Name
A.	ART SCHOOL
A. M.	ALUMNI HALL
B.	SHEFFIELD BIOLOGICAL LABORATORY
B. C.	BATTELL CHAPEL
B. M.	BERKELEY MALL
C. & M.	COLLEGE STREET MALL
D.	DURFEE HALL
D. H.	DWIGHT HALL
F.	FAIRHAM HALL
L.	LIBRARY
L. M.	LAWRANCE HALL
L.Y.D.	LYONS
N.	NORTH COLLEGE
N. S. M.	NORTH SHEFFIELD MALL
O. M.	OSBORN HALL
P.	PIERSON HALL
P. H.	PHILIPS HALL
S. H.	SHEFFIELD HALL
S. L.	SHEFFIELD LABORATORY
S. M.	SOUTH MIDDLE COLLEGE
T.R.	TREASURY
V.	VANDERSHULT HALL
W.	WELCH HALL
W. H.	WHITE HALL
WINCH.	WINCHESTER HALL

† Office of Dean of Academical Department.

# CATALOGUE

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OF

# YALE UNIVERSITY

1898-99



NEW HAVEN:  
THE TUTTLE, MOREHOUSE & TAYLOR PRESS  
1898





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## ABBREVIATIONS, OFFICE HOURS, ETC.

A., Absent on leave ; B., Berkeley Hall ; B. L., Sheffield Biological Laboratory ; D., Durfee Hall ; E. D., East Divinity Hall ; F., Farnam Hall ; L., Lawrance Hall ; LYC., Lyceum ; M., Peabody Museum ; N., North College ; N. S. H., North Sheffield Hall ; O., Osborn Hall ; P., Pierson Hall ; P. H., Phelps Hall ; S. H., Sheffield Hall ; S. L., Sheffield Chemical Laboratory ; S. M., South Middle College ; TR., Treasury Building ; V., Vanderbilt Hall ; W., Welch Hall ; W. D., West Divinity Hall ; WH., White Hall ; WINCH., Winchester Hall.

The College rooms numbered from 1 to 69 are in Vanderbilt Hall ; from 70 to 96 in South Middle College ; from 97 to 128 in North College ; from 129 to 177 in Farnam Hall ; from 178 to 185 in the Lyceum ; from 201 to 240 in Durfee Hall ; from 241 to 282 in Lawrance Hall ; from 283 to 330 in Welch Hall ; from 331 to 382 in White Hall ; from 383 to 422 in Berkeley Hall ; from 521 to 600 in Pierson Hall.

The rooms in East Divinity Hall are numbered from 1 to 54 ; in West Divinity Hall from 55 to 124. The rooms in Sheffield Hall are numbered from 1 to 21 ; in North Sheffield Hall from 25 to 58 ; in the Sheffield Biological Laboratory from 60 to 79 ; in Winchester Hall, from 100 to 135 ; in the Sheffield Chemical Laboratory, from 140 to 162.

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THE COLLEGE BURSAR'S office, in Phelps Hall, is open daily from 9 A. M. to 3 P. M.

THE DIRECTOR OF THE SHEFFIELD SCIENTIFIC SCHOOL is at No. 3 Sheffield Hall, daily, from 10 A. M. to 12 M.

THE DEAN OF THE MEDICAL SCHOOL is in his room, No. 25, 150 York st., from 10 A. M. to 12 M., daily.

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For Catalogues and general information, address THE SECRETARY OF YALE UNIVERSITY, NEW HAVEN, CONNECTICUT.

The Catalogue is published in December, and is sold at forty cents a copy,—or fifty cents if postage is included. A copy of the special circular of any Department is furnished without charge.

A list of the Graduates of the University is published triennially,—the last edition in June, 1898 ; a copy will be supplied to any graduate desiring it, on receipt of the postage (eleven cents) ; copies may be obtained by other persons at cost price, fifty cents, with postage.

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## AUDITOR

WILBUR F. DAY

# CALENDAR

---

## 1898

29 Sept.	Thursday	FIRST TERM begins.
1 Oct.	Saturday	School of the Fine Arts, term begins.
23 Nov.	Wednesday	THANKSGIVING RECESS begins, 1.20 P. M.
25 Nov.	Friday	RECESS ends, 8 A. M.
21 Dec.	Wednesday	FIRST TERM ends.

## Winter Vacation

## 1899

10 Jan.	Tuesday	SECOND TERM begins.
23 March	Thursday	Junior Exhibition.
29 March	Wednesday	SPRING RECESS begins, 1.20 P. M.
6 April	Thursday	RECESS ends, 8 A. M.
1 May	Monday	John A. Porter Prize Essays due.
6 May	Saturday	Berkeley Scholarship Examination.
15 May	Monday	Woolsey Scholarship Examination begins.
15 May	Monday	Winthrop Prize Examination.
17 May	Wednesday	Anniversary of the Divinity School.
1 June	Thursday	School of the Fine Arts, term ends.
23 June	Friday	DeForest Prize Speaking.
24 June	Saturday	Scientific School Class-Day Exercises.
25 June	Sunday	Baccalaureate Sermon.
26 June	Monday	College Class-Day Exercises.
26 June	Monday	Anniversary of the Law School.
27 June	Tuesday	Anniversary Meeting of the Alumni.
27 June	Tuesday	Anniversary of the Medical School.
28 June	Wednesday	COMMENCEMENT.
29 June	Thursday	Examinations for admission begin.

## Summer Vacation

25 Sept.	Monday	Examinations for admission begin.
28 Sept.	Thursday	FIRST TERM begins.
2 Oct.	Monday	School of the Fine Arts, term begins.
5 Oct.	Thursday	First Term, Medical School, begins.
20 Dec.	Wednesday	FIRST TERM ends.



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## GOVERNMENT OF THE UNIVERSITY

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The legal designation of the Corporation is "THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN," or "YALE UNIVERSITY"; the powers of this body have been granted and confirmed in the following order.

THE COLLEGIATE SCHOOL OF CONNECTICUT, subsequently named YALE COLLEGE, and now called YALE UNIVERSITY, was founded by the combined action of a few of the ministers in Connecticut, who obtained in October, 1701, a Charter from the Colony Legislature, which runs as follows :—

### AN ACT FOR LIBERTY TO ERECT A COLLEGIATE SCHOOL.

**W**HEREAS several well disposed, and Publick spirited Persons of their sincere regard to & Zeal for upholding & Propagating of the Christian Protestant Religion by a succession of Learned & Orthodox men have expressed by Petition their earnest desires that full Liberty and Priveledge be granted unto certain Undertakers for the founding, suitably endowing & ordering a Collegiate School within his Majesty's Colony of Connecticut wherin Youth may be instructed in the Arts & Sciences who thorough the blessing of Almighty God may be fitted for Publick employment both in Church & Civil State. To the intent therefore that all due intouragement be Given to such Pious Resolutions and that so necessary & Religious an undertaking may be sett forward, supported and well managed :—

**BE IT ENACTED** by the Govern<sup>r</sup> & Company of the s<sup>d</sup> Colony of Connecticut in General Court now Assembled, And it is enacted & ordained by the Authority of the same that there be & hereby is full Liberty, Right and Priveledge Granted unto the Reverend M<sup>r</sup>. James Noyes of Stonnington, M<sup>r</sup>. Israel Chauncey of Stratford, M<sup>r</sup>. Thomas Buckingham of Saybrook, M<sup>r</sup>. Abraham Pierson of Kennelworth, M<sup>r</sup>. Samuel Mather of Windsor, M<sup>r</sup>. Samuel Andrew of Milford, M<sup>r</sup>. Timothy Woodbridge of Hartford, M<sup>r</sup>. James Pierpont of New Haven, M<sup>r</sup>. Noadiah Russel of Middletown, M<sup>r</sup>. Joseph Webb of Fairfield, being Rev<sup>d</sup> Ministers of the Gospel & inhabitants within y<sup>e</sup> s<sup>d</sup> Colony,

proposed to stand as Trustees, Partners or Undertakers for the s<sup>d</sup> School, to them and their successors, To ERECT, form, direct, order, establish, improve and att all times in all suitable wayes for the future to encourage the s<sup>d</sup> School in such convenient place or Places, & in such form & manner & under such orders & Rules as to them shall seem meet & most conducive to the afores<sup>d</sup> end thereof, so as such Rules or Orders be not repugnant to the Laws of the Civil Govern<sup>t</sup>, as also to employ the moneys or any other estate which shall be Granted by this Court or otherwise Contributed to that use according to their discretion for the benefit of the s<sup>d</sup> Collegiate School from time to time & att all times henceforward.

And be it further ENACTED by the Authority afores<sup>d</sup> that the before named Trustees, Partners or Undertakers together with such others as they shall associate to themselves (not exceeding the number of Eleven, or att any time being less than Seven. Provided also that Persons nominated or associated from time to time to fill up s<sup>d</sup> number be ministers of the gospel inhabiting within this Colony & above the Age of forty years) or the major Part of them, the s<sup>d</sup> Mr. James Noyes, [etc.] undertakers, & of such Persons so chosen & associated as aboves<sup>d</sup> att any time hereafter, HAVE and shall have henceforward the oversight, full & compleat Right, Liberty, power & Priveledge to furnish, direct, manage, order, improve & encourage from time to time & in all times hereafter the s<sup>d</sup> Collegiate School so Erected & formed by them in such ways, orders & manner & by such Persons, Rector or Master and officers appointed by them, as shall according to their best discretion be most conducible to attaine the afores<sup>d</sup> mentioned end thereof. . . . .

It is also further Enacted by the Authority afores<sup>d</sup> that the s<sup>d</sup> Undertakers & Partners & their successors be & hereby are further empowered to have, accept, acquire, purchase or otherwise lawfully enter upon Any Lands, Tenements & Hereditam<sup>ts</sup> to the use of the s<sup>d</sup> School, not exceeding the value of five hundred Pounds p<sup>r</sup> Anñ, & any Goods, Chattels, Sum or Sums of money whatsoever as have heretofore already been Granted, bestowed, bequeathed or given, or as from time to time shall be freely given, bequeathed, devised or settled by any Person or Persons whatsoever upon & to & for the use of y<sup>e</sup> s<sup>d</sup> School towards the founding, erecting or endowing the same, & to sue for, Recover & receiv all such Gifts, Legacies, bequests, annuities, Rents, issues & profits arising therefrom & to imploy the same accordingly, & out of y<sup>e</sup> estate, Revenues, Rents, profits, incomm accrueing & belonging to s<sup>d</sup> School to support & pay as the s<sup>d</sup> Undertakers shall agree & see cause, the s<sup>d</sup> Rector or Master, Tutors, Ushers or other officers their Respective annual Salaries or Allowances. As also for the encouragem<sup>t</sup> of the Students to grant degrees or Licences as they or those deputed by them shall see cause to order & appoint.

Under this Charter the Collegiate School was begun in November, 1701, at Saybrook, where it continued until its removal to New Haven, in October, 1716. In September, 1718, the name of YALE COLLEGE was given by the Trustees to the School, in honor of the benefactions of ELIHU YALE, of London, lately Governor of the East India Company's settlement at Madras.

In 1723 an "ACT IN EXPLANATION OF AND ADDITION TO THE ACT FOR ERECTING A COLLEGIATE SCHOOL" was passed by the General Assembly, with the following provisions :—

WHEREAS Pursuant to the Powers and Privileges granted to Certain Trustees for Erecting a Collegiate School in this Colony Entitled an Act for a Collegiate School, the Said Trustees have Erected the said School in the Town of New-Haven which School is now known by the Name of Yale Colledge; And Whereas it appears to this Assembly that an Explanation and Enlargement of the powers and privileges granted by Said Act is Necessary for the Carrying on the Affairs of the Said Colledge, for want of which it has Laboured under great difficulties very much to the prevention of that Order and good Education which is to be desired there :

Bee it therefore Enacted by the Governour, Council and Representatives in Generall Court assembled and by the Authority of the Same that the Said Act which provides that the Number of the Said Trustees be not under Seven nor above Eleven is not to be Understood or Taken so as to be restrictive of the power of the Said Trustees Never to Choose any person to be a Trustee, when there is of Such persons as have been Chosen and Acted as Trustees Eleven persons Living in the Colony or Elsewhere, but that in Case any person so Chosen be by Providence Incapacitated from attending that Service or shall himself decline the Same thro' the Necessity of his own Affairs or for any other such Reason as he shall Judge requisite, the Trustees in any of their Meetings Lawfully Called may be Understood to have and it is hereby Enacted and declared that they shall be Taken to have full power by the Majority of Such Meeting to proceed to the Choice of Another Trustee in the Room of any such person. And it is hereby further declared and Enacted to be the True Intent and Meaning of the Act afores<sup>d</sup> that the said Trustees shall be Impowered and they are hereby declared to have power to Meet Together for Considering, Advising about and Resolving upon all Matters belonging to the Trust of the Said Colledge committed unto them as afores<sup>d</sup> and to Agree and Conclude, Order and determine Concerning them by the Majority of the

Said Meeting, and by the same Majority to Choose and Appoint a Clerk who shall, in a fair book prepared for that End, Register and Carefully preserve the Acts of all such Meetings.

And WHEREAS it has been doubted what Number of the Said Trustees may be Lookt upon as a Sufficient or full Meeting, Inasmuch as there is not in the afores<sup>d</sup> Act any Express mention made of any Meeting of the said Trustees; It is therefore to prevent all Scruple of that kind for the future hereby provided and declared that due Notice being given to the Trustees by Consent of any three of them of a Meeting of the Trustees desired at any Time or place, and Seven or more of the Trustees present at such Time and place shall be Esteemed a full Meeting. And it is hereby declared and Enacted that in all such Meetings, so Called, or Otherwise as the said Trustees in any such Meeting shall agree, all affairs under the Care of the said Trustees shall be determined by the majority of such meeting.

And WHEREAS it has been found Inconvenient that in the Election of Persons to be Trustees, the Trustees Election by the afores<sup>d</sup> Act should by Limited and restrained so as that the Person who shall be Chosen must Necessarily be fourty Years of age ; It is hereby declared and Enacted that for the future the said Trustees in any Election of a person into that Trust shall not be Esteemed or held Obliged by said Act to Choose such a person as shall be above fourty Years of Age, but may Choose such a person otherwise Qualified According to said Act, Provided he is thirty Years of Age. And it is further hereby Allowed, Enacted, Granted and Provided that whosoever shall be Chosen and made a Rector of the said Colledge shall by Virtue thereof become a Trustee of the same and be so Esteemed and Taken during his Continuance in the said Rectorship.

In 1745 a thoroughly revised Charter was granted by the Assembly ; the provisions of permanent interest are as follows :—

*An ACT for the more full and complete Establishment of YALE COLLEGE in NEW HAVEN, and for enlarging the Powers and Privileges thereof.*

WHEREAS upon the Petition of several well-disposed and public-spirited Persons expressing their desire that full Liberty and Privilege might be granted unto Certain Undertakers for the founding, suitably endowing and ordering a *Collegiate School*, within this Colony, wherein Youth might be instructed in the Arts and Sciences, the Governor and Company of the said Colony in General Court assembled at *New Haven*, on the Ninth Day of October, in the Year of our Lord 1701, Granted unto the Rev'd Messrs. *James Noyes* [etc.], who were

proposed to stand as Trustees, Partners, or Undertakers for the Society, and to their Successors, full Liberty, Right and Privilege to erect, form, direct, order, establish, improve, and at all Times in all suitable Ways to encourage the said School in some convenient Place in this Colony, and granted sundry Powers and Privileges for the attaining the End aforesaid ;

*And Whereas* the said Trustees, Partners or Undertakers in pursuance of the aforesaid Grant, Liberty and License, founded a *Collegiate School* at *New Haven*, known by the Name of *YALE COLLEGE*, which has received the favorable Benefactions of many Liberal and piously disposed Persons, and under the Blessing of Almighty God has trained up many worthy Persons for the Service of God in the State as well as in the Church ;

*And Whereas* the General Court of this Colony assembled at *New Haven*, the Tenth day of October, in the Year of our Lord 1723, did explain and enlarge the aforesaid Powers and Privileges granted to the aforesaid Partners, Trustees or Undertakers and their Successors, for the Purpose aforesaid ; as by the respective Acts, reference thereto being had, more fully and at large may appear ;

*And Whereas* the Rev'd Messrs. *Thomas Clap, Samuel Whitman, Jared Eliot, Ebenezer Williams, Jonathan Marsh, Samuel Cooke, Samuel Whittlesey, Joseph Noyes, Anthony Stoddard, Benjamin Lord, and Daniel Wadsworth*, the present Trustees, Partners and Undertakers of the said School, and Successors of those beforementioned, have petitioned, that the said School, with all the Rights, Powers, Privileges and Interests thereof, may be confirmed, and that such other additional Powers and Privileges may be granted as shall be necessary for the Ordering and Managing the said School, in the most advantageous and beneficial Manner for the promoting all good Literature in the present and succeeding Generations : Therefore,

THE GOVERNOR and COMPANY of his Majesty's said English Colony of *Connecticut* in General Court assembled, this Ninth Day of *May*, in the Year of our Lord 1745, enact, ordain, and declare, and by these Presents it is enacted, ordained, and declared—

That the said *Thomas Clap* [etc.], shall be an *Incorporate Society or Body Corporate and Politic*, and shall hereafter be called and known by the name of *THE PRESIDENT AND FELLOWS OF YALE COLLEGE IN NEW HAVEN*, and that by the same Name they and their Successors shall and may have perpetual Succession, and shall and may be Persons in the Law capable to plead and be impleaded, defend and be defended, and answer and be answered unto ; and also to have, take, possess, acquire, purchase, or otherwise receive Lands, Tenements, Hereditaments, Goods, Chattels, or other Estates, and the same Lands, Tenements, Hereditaments, Goods, Chattels, or other Estates to grant, demise, lease,

use, manage or improve for the Good and benefit of the said *College* according to the Tenor of the Donation, and their Discretion.

That all Gifts, Grants, Bequests, and Donations of Lands, Tenements, or Hereditaments, of Goods and Chattels heretofore made to or for the Use, Benefit and Advantage of the *Collegiate School* aforesaid, whether the same be expressed to be made to the President or Rector, and to the rest of the Incorporate Society of *Yale College*, or to the Trustees or Undertakers of the *Collegiate School in New Haven*, or to the Trustees by any other Name, Style or Title whatsoever, whereby it may be clearly known and understood that the true Intent and Design of such Gifts, Grants, Bequests and Donations, was to or for the Use, Benefit and Advantage of the Collegiate School aforesaid, and to be under the Care and Disposal of the Governors thereof, shall be confirmed, and the same hereby are confirmed, and shall be and remain to, and be vested in the President and Fellows of the *College* aforesaid, and their Successors, as to the true and lawful Successors of the original Grantees.

That the said PRESIDENT AND FELLOWS and their Successors shall and may hereafter have a common Seal, to serve and use for all Causes, Matters and Affairs of them and their Successors, and the same Seal to alter, break, and make new as they shall think fit.

That the said THOMAS CLAP shall be, and he is hereby established the present PRESIDENT, and the said *Samuel Whitman* [etc.] shall be, and they are hereby established the present FELLOWS of the said College, and that they and their Successors shall continue in their respective Places during Life, or until they or either of them shall resign, or be removed, or displaced, as in this Act is hereafter expressed.

That there shall be a General Meeting of the *President and Fellows* of said *College*, in the College Library on the second Wednesday of September annually, or at any other Time and Place which they shall see Cause to appoint, to consult, advise and act in and about the Affairs and Business of the said College; and that on any special Emergency the President and two of the Fellows, or any four of the Fellows, may appoint a Meeting of the said College, provided they give Notice thereof to the Rest by Letters sent and Left with them, or at the Places of their respective Abode, five Days before such Meeting; and that the President and six Fellows, or in Case of the Death, Absence, or Incapacity of the President, seven Fellows, convened as aforesaid (in which Case the eldest Fellow shall preside), shall be deemed a Meeting of the President and Fellows of said College, and that in all the said Meetings, the Major Vote of the Members present shall be deemed the Act of the Whole, and where an Equivote happens, the President shall have a casting Vote.

That the President and Fellows of the said College and their Successors, in any of their Meetings assembled as aforesaid, shall and may

from Time to Time, as Occasion shall require, elect and appoint a President or Fellow in the Room and Place of any President or Fellow who shall die, resign, or be removed from his office, Place or Trust (whom the said Governor and Company hereby declare, for any Misdemeanor, Unfaithfulness, Default or Incapacity, shall be removable by the President and Fellows of the said College; Six of them, at least, concurring in such Act); and shall have Power to appoint a Scribe or Register, a Treasurer, Tutors, Professors, Steward, and all such other Officers and Servants, usually appointed in Colleges or Universities, as they shall find necessary and think fit to appoint for the promoting good Literature, and the well ordering and managing the Affairs of said College; and them or any of them, at their Discretion, to remove; and to prescribe and administer such Forms of Oaths (not being contrary to the Laws of England or of this Colony) as they shall think proper, to be administered to all the Officers and Instructors of the said College, or to such and so many of them as they shall think proper, for the faithful Execution of their respective Places, Offices and Trusts.

That the President and Fellows shall have the Government, Care and Management of the said College and all the Matters and Affairs thereunto belonging, and shall have Power from Time to Time, as Occasion shall require, to make, ordain and establish all such wholesome and reasonable Laws, Rules and Ordinances, not repugnant to the Laws of England, nor the Laws of this Colony, as they shall think fit and proper for the Instruction and Education of the Students, and Ordering, Governing, Ruling and Managing the said College, and all Matters, Affairs, and Things thereunto belonging, and the same to Repeal and alter as they shall think fit; which shall be laid before this Assembly as often as required, and may also be repealed or disallowed by this Assembly when they shall think proper.

That the President of said College, with the Consent of the Fellows, shall have Power to give and confer all such Honors, Degrees or Licenses as are usually given in Colleges or Universities, upon such as they shall think worthy thereof.

In 1792 a grant of money from the State of Connecticut was received, upon the condition that certain State officials should become members of the Board of Fellows, as below expressed:—

In case this grant shall be accepted, in manner as hereinafter provided, the Governor, Lieutenant Governor, and six senior assistants in the Council\* of this State, for the time being, shall ever hereafter, by

\* Changed in 1819 to the six senior senators.

virtue of their said offices, be trustees or fellows of said College ; and shall together with the present President and Fellows of said College, and their successors, constitute one corporation, by the name and style mentioned in the charter of said College ; and shall have and enjoy the same powers, privileges, and authority, in as full and ample a manner, as though they had been expressly named and included in said charter ; And that in case of vacancy, by the death, or resignation, or in any other way, of any of the present Fellows of said College, and their successors, every such vacancy shall forever hereafter be supplied by them, and their successors, by election, in the same manner as though this act had never passed.

In the State Constitution, adopted in 1818, the privileges conferred by the Charter were reaffirmed, as follows :—

ARTICLE VIII, SECT. I.

The charter of Yale College, as modified by agreement with the Corporation thereof, in pursuance of an Act of the General Assembly, passed in May, 1792, is hereby confirmed.

In 1872, at the request of the Corporation, an Act was passed by the General Assembly, providing (as follows) for the substitution of graduates in the place of the six senators among the Fellows :—

SECTION 1.—All graduates of the first degree, of five or more years' standing, in any of the departments of Yale College, and all persons who have been admitted to any degree higher than the first in Yale College, whether honorary or in course, may, on the day next preceding the public commencement day of said College, in the year of our Lord 1872, cast their votes, under such regulations as the President and Fellows may prescribe, for six persons to be chosen from among such graduates ; and the six persons who shall be found to be elected by a plurality of the votes cast, shall be the Fellows of Yale College in the stead of the six senior senators of the State, and shall have all the rights, duties, and privileges as Fellows which are now by law conferred upon said senators. In case of an equality of votes between two or more candidates, the person who shall hold the said office of Fellow shall be designated by lot from among the persons receiving such equality of votes.

SECTION 2.—The Fellows thus elected shall enroll themselves by lot in six classes, one holding the office for six years, another for five years, another for four years, another for three years, another for two years, and



another for one year, eligible for re-election; and every year as a vacancy occurs, all graduates of the first degree, of five or more years' standing, in any of the departments of Yale College, and all persons who have been admitted to any degree higher than the first in Yale College, whether honorary or in course, may, upon the day next preceding commencement day, in the manner heretofore prescribed, elect by a plurality of votes a person to fill the vacancy, and hold the office of Fellow for a period of six years, eligible for re-election; and so whenever a vacancy shall occur from death, resignation, or any other cause, such graduates may elect a person at the next commencement to fill the office of Fellow for the remainder of the term in which a vacancy has occurred. The official year of such Fellows shall end with the day next preceding each commencement day.

In March, 1887, an Act passed the General Assembly of the State, authorizing the use of the title "YALE UNIVERSITY" by the President and Fellows of Yale College, and providing that gifts to, contracts with, conveyances to or by, and other acts affecting said Corporation by either of the names specified shall be valid.

## DEPARTMENTS OF INSTRUCTION

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The courses of study offered in the University are comprehended in four Departments, under the control of the Corporation, each Department being also under the administration of a distinct Faculty of instruction. The Departments are as follows :—

THE DEPARTMENT OF PHILOSOPHY AND THE ARTS;

THE DEPARTMENT OF THEOLOGY;

THE DEPARTMENT OF MEDICINE;

THE DEPARTMENT OF LAW.

Under the first-named Department are included two separately organized sections in which instruction for undergraduates is provided, viz :—

THE ACADEMICAL DEPARTMENT, and

THE SHEFFIELD SCIENTIFIC SCHOOL ;

also, THE SCHOOL OF THE FINE ARTS, and the DEPARTMENT OF MUSIC, each with a special organization; and The Courses for GRADUATE INSTRUCTION, under the combined Faculty of the Department.

It is to be understood that the courses of study above described are open to persons of the male sex only, except when both sexes are specifically included.

The LIBRARY, the PEABODY MUSEUM OF NATURAL HISTORY, and the OBSERVATORY are severally organized independently of the special Departments, and are designed to contribute, in their appropriate spheres, to the instruction and advancement of the whole institution.

# ACADEMICAL DEPARTMENT (YALE COLLEGE)

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## FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT  
HON. EDWARD J. PHELPS, LL.D., *Professor of Law*  
ARTHUR M. WHEELER, LL.D., *Professor of History*  
J. WILLARD GIBBS, PH.D., LL.D., *Professor of Mathematical Physics*  
ARTHUR W. WRIGHT, PH.D., *Professor of Experimental Physics*  
EUGENE L. RICHARDS, M.A., *Professor of Mathematics*  
TRACY PECK, M.A., *Professor of Latin*  
REV. CORNELIUS L. KITCHEL, M.A., *Instructor in Greek*  
WILLIAM G. SUMNER, LL.D., *Professor of Political and Social Science*  
REV. GEORGE T. LADD, D.D., LL.D., *Professor of Moral Philosophy  
and Metaphysics*  
CHARLES H. SMITH, LL.D., *Professor of American History*  
JULES LUQUIENS, PH.D., *Professor of the Romance Languages*  
HENRY P. WRIGHT, PH.D., LL.D., *Professor of Latin, and Dean*  
HENRY S. WILLIAMS, PH.D., *Professor of Geology*  
HENRY A. BEERS, M.A., *Professor of English Literature*  
BERNADOTTE PERRIN, PH.D., LL.D., *Professor of Greek*  
EDWARD S. DANA, PH.D., *Professor of Physics*  
THOMAS D. SEYMOUR, LL.D., *Professor of Greek*  
FRANK A. GOOCH, PH.D., *Professor of Chemistry*  
ALBERT S. COOK, PH.D., L.H.D., *Professor of English*  
WILLIAM BEEBE, B.A., *Professor of Mathematics and Astronomy*  
ANDREW W. PHILLIPS, PH.D., *Professor of Mathematics*  
GEORGE B. ADAMS, PH.D., *Professor of History*  
EDWARD P. MORRIS, M.A., *Professor of Latin*  
HENRY R. LANG, PH.D., *Professor of Romance Philology*  
ARTHUR T. HADLEY, M.A., *Professor of Political Economy*  
THOMAS D. GOODELL, PH.D., *Professor of Greek*  
ARTHUR H. PALMER, M.A., *Professor of German*  
HORATIO M. REYNOLDS, M.A., *Professor of Greek*  
GEORGE M. DUNCAN, M.A., *Professor of Philosophy*  
E. HERSHEY SNEATH, PH.D., *Professor of Philosophy*  
FRANK K. SANDERS, PH.D., *Professor of Biblical Literature*

ROBERT L. TAYLOR, B.A., *Instructor in French*  
EDWARD G. BOURNE, PH.D., *Professor of History*  
GUSTAV GRUENER, PH.D., *Professor of German*  
EDWARD W. SCRIPTURE, PH.D., *Director of the Psychological Laboratory*  
JAMES J. ROBINSON, PH.D., *Instructor in Latin*  
JOHN C. SCHWAB, PH.D., *Professor of Political Economy*  
WARREN A. ADAMS, PH.D., *Instructor in German*  
CHARLTON M. LEWIS, PH.D., *Assistant Professor of English Literature*  
JACOB WESTLUND, PH.D., *Instructor in Mathematics*  
WILLIAM LYON PHELPS, PH.D., *Assistant Professor of English Literature*  
IRVING FISHER, PH.D., *Professor of Political Economy*  
JAMES PIERPONT, PH.D., *Professor of Mathematics*  
HANNS OERTEL, PH.D., *Assistant Professor of Comparative Philology*  
CHARLES SEARS BALDWIN, PH.D., *Assistant Professor of Rhetoric*  
PHILIP E. BROWNING, PH.D., *Assistant Professor of Chemistry*  
OLIVER H. RICHARDSON, PH.D., *Assistant Professor of History*  
CECIL K. BANCROFT, B.A., *Tutor in Latin*  
CHARLES W. L. JOHNSON, PH.D., *Instructor in Greek*  
CHARLES S. INGHAM, PH.D., *Tutor in Latin*  
JAMES W. D. INGERSOLL, PH.D., *Assistant Professor of Latin*  
D. ALBERT KREIDER, PH.D., *Instructor in Physics*  
ALFRED K. MERRITT, B.A., *Registrar*  
ARTHUR L. WHEELER, PH.D., *Tutor in Latin*  
WENDELL M. STRONG, PH.D., *Tutor in Mathematics*  
THEODORE WOOLSEY HEERMANCE, PH.D., *Tutor in Greek*  
RICHARD T. HOLBROOK, B.A., *Tutor in the Romance Languages*  
EDSON F. GALLAUDET, PH.D., *Instructor in Physics*  
EDWARD B. REED, PH.D., *Tutor in English*  
FRANK H. CHASE, PH.D., *Tutor in English*  
HOLLON A. FARR, B.A., *Tutor in German*  
CHAUNCEY W. WELLS, B.A., *Instructor in Rhetoric*

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OTHER INSTRUCTORS

WILLIAM G. ANDERSON, M.D., *Instructor in Gymnastics*  
GUSTAV A. ANDREEN, B.A., *Instructor in Scandinavian Languages*  
MARK BAILEY, M.A., *Instructor in Elocution*

- WILLIAM B. BAILEY, PH.D., *Assistant in Political Economy*  
WILLIAM H. BREWER, PH.D., *Professor of Agriculture*  
RUSSELL H. CHITTENDEN, PH.D., *Professor of Physiological Chemistry*  
EDWARD D. COLLINS, B.A., *Assistant in History*  
MOLTON A. COLTON, B.A., *Instructor in French*  
REV. HARLAN CREELMAN, PH.D., *Instructor in Biblical Literature*  
HARRY W. DUNNING, PH.D., *Instructor in Semitic Languages*  
EDWARD L. DURFEE, B.A., *Assistant in History*  
ALEXANDER W. EVANS, M.D., *Instructor in Botany and Bacteriology*  
ARTHUR W. EWELL, B.A., *Assistant in the Sloane Laboratory*  
HARRY B. FERRIS, M.D., *Professor of Anatomy*  
HON. EDWIN B. GAGER, B.A., *Instructor in Law*  
JOHN M. GAINES, B.A., *Assistant in Political Economy*  
GERVASE GREEN, PH.D., *Assistant in Philosophy and Pedagogy*  
HERBERT E. GREGORY, B.A., *Instructor in Physical Geography*  
FRANKE S. HAVENS, B.A., *Laboratory Assistant in Chemistry*  
HERBERT E. HAWKES, B.A., *Instructor in Mathematics*  
EDWARD WASHBURN HOPKINS, PH.D., *Professor of Sanskrit and  
Comparative Philology*  
REV. JAMES M. HOPPIN, D.D., *Professor of the History of Art*  
HARRY B. JEPSON, B.A., MUS.B., *Instructor in Organ-Playing*  
LOUIS CLEVELAND JONES, B.A., *Laboratory Assistant in Chemistry*  
GEORGE D. KELLOGG, PH.D., *Instructor in Latin*  
WILLIAM C. MARSHALL, M.E., *Instructor in Drawing and Descriptive  
Geometry*  
LAFAYETTE B. MENDEL, PH.D., *Assistant Professor of Physiological  
Chemistry*  
W. CONGER MORGAN, B.A., *Laboratory Assistant in Chemistry*  
WARREN J. MOULTON, PH.D., *Assistant in Biblical Literature*  
LIEUT. ARTHUR MURRAY, U. S. A., *Professor of Military Science*  
JOHN H. NIEMEYER, M.A., *Professor of Drawing*  
JOHN T. NORTON, JR., B.A., *Laboratory Assistant in Chemistry*  
GEORGE K. OLNSTEAD, PH.D., *Assistant in Political Economy*  
CHARLES G. OSGOOD, JR., B.A., *Assistant in English*  
HORATIO W. PARKER, M.A., *Professor of the Theory of Music*  
ISAAC K. PHELPS, PH.D., *Assistant in Chemistry*  
FREDERICK O. ROBBINS, B.A., *Instructor in French*



Prof. REYNOLDS, Monday, Wednesday, Thursday, 12.30 to 1, 14 Phelps.  
 Doctor ROBINSON, . . . . . Daily, 9.30 to 10.30, 9 P. H.  
 Professor SANDERS, Monday and Thursday, 11 to 1, 77 Mansfield st.  
 Professor SANFORD, . . . . . Tuesday and Friday, 11 to 12, 38 College st.  
 Professor SCHWAB, . . . . . Friday, 12.30 to 1, E. O.  
 Professor SEYMOUR, . . . . . Daily, 11 to 12, 22 P. H.  
 Professor C. H. SMITH, . . . . . Friday, 9.30 to 10.30, D. O.  
 Professor SNEATH, . . . . . Friday and Saturday, 9.30, A. O.  
 Professor SUMNER, . . . . . Monday and Thursday, 9.30 to 10.20, F. O.  
 Professor WHEELER, Tuesday and Friday, 9.30 to 11.30, C. O., or 207 D.  
 Doctor A. L. WHEELER, . . . . . Daily, 12.30 to 1, 12 P. H.  
 Professor H. S. WILLIAMS, Monday and Thursday, 10.30 to 11.30, 6 M.  
 Professor A. W. WRIGHT, . . . . . Daily, except Saturday, 10.30 to 12.20,  
 Sloane Laboratory.

From the date of the original Charter, in 1701, a course of instruction leading to the degree of Bachelor of Arts has been continuously offered at the Collège; at first only three years of undergraduate study were required, but, before 1710, a four years' course was provided, which has since been maintained.

Until 1813, when a Medical School was organized, no other course of study for a degree was marked out at Yale College; but with the incorporation of the Medical Institution (as it was originally styled) the older Department began to be designated the Academical Institution (or Department), and has continued to be so designated until at length, with the growth of other Schools about it and the expansion of the whole into Yale University, the original title of Yale College has again come to be applied distinctively to this Department.

#### TERMS OF ADMISSION

ALL CANDIDATES FOR ADMISSION to the Freshman Class are examined in the following books and subjects; certificates of standing elsewhere are not accepted in place of this examination, except in certain cases when a candidate brings evidence that he has passed the whole of Freshman year in good standing in another college.

## I. ANCIENT LANGUAGES

1. Latin Grammar.
2. Cicero—the orations against Catiline and for Archias; and, in addition, either the *Milo*, or the *Manilian Law*, or the *Cato Major*, or the *Marcellus* and the 14th *Philippic*.
3. Vergil—the first six books of the *Aeneid* (including Prosody); and, in addition, either the *Bucolics* or the eighth and ninth books of the *Aeneid*.
4. Ovid—*Metamorphoses*, translation at sight.
5. The translation, at sight, of passages from Nepos and Caesar.
6. The translation into Latin of connected passages of English prose.
7. Roman History, to the death of Augustus.
8. Greek Grammar.
9. Xenophon—*Anabasis*, four books.
10. Homer—*Iliad*, three books, with Prosody.
11. The translation, at sight, into simple and idiomatic English, of a passage from some work of Xenophon.
12. The translation into Greek of connected passages of English prose, employing the vocabulary and idioms of the first four books of Xenophon's *Anabasis*.
13. Greek History.

Of the examinations in the ancient languages, those in Latin and Greek Grammar (1 and 8), translation at sight (4, 5, and 11), and Latin and Greek Composition (6 and 12) are considered most important, and the papers in them are read and marked with special care and strictness. A candidate who shows marked proficiency in these subjects is not conditioned for slight deficiency in Xenophon, Cicero, or Vergil.

The examination in Latin Grammar in 1899 will be based upon the second, third, and fourth orations of Cicero against Catiline. Students who do not read Cicero until the last year of their preparatory course are, therefore, advised to reserve Latin Grammar for their final examination. The examination in Greek Grammar in 1899 will be based on the first two books of Xenophon's *Anabasis*. *In both Greek and Latin, however, a knowledge of grammatical principles, especially of the body of syntax, will be required.*

Grammatical questions are not asked on other classical papers, except to test the candidate's understanding of a passage, or on poetic forms and constructions (including prosody) in Homer and Vergil.

In order to allow preparatory schools freedom in arranging their courses of work, alternative equivalents are provided in the authors set. Thus the paper on Cicero contains questions on all the



orations named in the list above, and on the Vergil paper passages are set from the eighth and ninth books of the *Aeneid* as a substitute for the *Bucolics*. Papers will also be prepared on other parts of Vergil, on other orations of Cicero, on other portions of the works of Xenophon than the first four books of the *Anabasis*, and on other books of Homer than the first three and the sixth of the *Iliad*, provided information is given to the Registrar, Mr. A. K. Merritt, before May 1, that such a paper is desired.

In the translations at sight from Greek and Latin, the candidate is expected to show accurate knowledge of the forms and structure of the language and an intelligent comprehension of the meaning of the whole passage set.

The passages set for translation from English into Greek and Latin call for acquaintance with the vocabulary and style of simple narrative.

Teachers are advised to connect exercises in Greek and Latin composition, both oral and written, with all the Greek and Latin studies of the preparatory courses, and to begin the exercises in reading at sight early.

## II. MATHEMATICS

14. Algebra (*a*)—Fundamental operations; factoring; highest common factor; least common multiple; fractions; equations of the first degree in one or more unknown quantities; problems which lead to equations of the first degree; powers and roots; fractional and negative exponents; reduction of radicals, including the extraction of the square root of numbers. (Special emphasis is laid upon accuracy and facility in reckoning.)

15. Algebra (*b*)—Quadratic equations in one or two unknown quantities; ratio and proportion; arithmetical and geometrical progressions; permutations and combinations; undetermined coefficients; binomial theorem for positive, negative, and fractional exponents.

16. Plane Geometry (*a*)—Demonstrations of theorems and constructions, and demonstrations of problems which are contained in the standard texts; also, simple exercises in construction and demonstration.

17. Plane Geometry (*b*)—Mensuration of the triangle, parallelogram, trapezoid, regular polygons, and circle; and the use of the logarithms of numbers. The demonstrations of propositions do not form a part of this requirement, but are included in Plane Geometry (*a*). (A knowledge of the simple arithmetical operations will be assumed.) The problems in this subject, for the most part, will be stated in terms of the metric system of weights and measures; and in the solutions the student will be required to use four- or five-place logarithmic tables. (Special emphasis is laid upon accuracy in reckoning.)

For the examination in Geometry, the candidates must provide themselves with compasses and rulers.

## III. MODERN LANGUAGES

18. French *or* German—so far as to translate at sight easy prose into English, and also to translate easy English exercises into French or German.

The candidate is at liberty to decide for himself in which of the two languages he shall be examined.

In *French* the examination is adapted to the proficiency of those who have studied French in the equivalent of a systematic course of five hours a week for one year. It will consist of two parts (which, however, cannot be taken separately):—

(a) The translation at sight of ordinary prose.

The passages set for translation will be suited to candidates who have read not less than three hundred duodecimo pages from the works of at least three different authors; this amount includes sight-reading done in class. Not more than half the reading should be from works of fiction. It is important that all translation be done into clear and idiomatic English.

(b) The translation into French of English sentences, or a short connected passage, to test the candidate's familiarity with elementary grammar.

Elementary grammar is understood to include the conjugation of regular and the more usual irregular verbs; the forms and positions of the personal pronouns; the uses of other pronouns and of possessive, demonstrative, and interrogative adjectives; the inflection of nouns and adjectives for gender and number, except rare cases; the uses of articles; and the partitive constructions. Proficiency may also be tested by direct questioning.

Pronunciation should be carefully taught, and the pupil should be accustomed to hear and understand the spoken language. The writing of French from dictation is also recommended.

In *German* the examination is adapted to the proficiency of those who have studied German in the equivalent of a systematic course of five periods a week for one year. It will consist of two parts (which, however, cannot be taken separately):

(a) The translation at sight of a passage of easy prose containing no rare words.

The passages set for translation will be suited to candidates who have read not less than two hundred duodecimo pages of simple German, chiefly narrative prose; this amount includes sight-reading done in class. It is important that all translation be done into clear and idiomatic English.

(b) The translation into German of simple English sentences, to test the candidate's familiarity with elementary grammar.

Elementary grammar is understood to include the conjugation of the weak and the more usual strong verbs; the declension of articles, adjectives, pronouns, and such nouns as are readily classified; the commoner prepositions; the simpler uses of modal auxiliaries; the elements of syntax and word-order. Proficiency may also be tested by direct questioning.

Practice in pronunciation by reading aloud as much as possible from the texts used in the class is recommended; also, the writing of German from dictation.

#### IV. ENGLISH

19. ENGLISH A. READING AND PRACTICE—A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. As supplementary to this test, the candidate will be allowed to present an exercise-book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

In preparation for this part of the examination, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

The books set for this part of the examination are:—

Preliminary Examination in 1898, for the class entering in 1899: Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; DeQuincey's *Flight of a Tartar Tribe*; Cooper's *Last of the Mohicans*; Lowell's *Vision of Sir Launfal*; Hawthorne's *House of the Seven Gables*.

Preliminary Examination in 1899, for the class entering in 1900: Dryden's *Palamon and Arcite*; Pope's *Iliad*, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator*; Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*; DeQuincey's *Flight of a Tartar Tribe*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*.

Preliminary Examination in 1900, for the class entering in 1901: Shakespeare's *Merchant of Venice*; Pope's *Iliad*, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Scott's

*Ivanhoe*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

Preliminary Examination in 1901, for the class entering in 1902; Shakespeare's *Merchant of Venice*; Pope's *Iliad*, Books i, vi, xxii, and xxiv; The Sir Roger de Coverley Papers in *The Spectator*; Goldsmith's *Vicar of Wakefield*; Coleridge's *Ancient Mariner*; Scott's *Ivanhoe*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner*.

20. ENGLISH B. STUDY AND PRACTICE—This part of the examination presupposes more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

The books set for this part of the examination are :—

Final Examination in 1899: Shakespeare's *Macbeth*; Milton's *Paradise Lost*, Books i and ii; Burke's *Speech on Conciliation with America*; Carlyle's *Essay on Burns*.

Final Examination in 1900: Shakespeare's *Macbeth*; Milton's *Paradise Lost*, Books i and ii; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

Final Examination in 1901: Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

Final Examination in 1902: Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

For candidates who take the complete examination in English at a single session, this examination will cover the books set for the final examination in that year, together with those set for the preliminary examination in the preceding year: for example, the complete examination in 1899 will cover the books set for the final examination in 1898, together with those set for the preliminary examination in 1898.

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or divisions into paragraphs.

Candidates are allowed to divide the examination, with an interval of not less than a year between the two parts. In such cases, they must present themselves at one of the two regular examinations, that is, either in June or in Sep-

tember, of the first year ; and at this preliminary examination each candidate must submit a definite statement from his principal instructor of the subjects which he is authorized to offer. No preliminary certificate will be furnished, unless at least six of the above twenty subjects have been satisfactorily passed.

A candidate rejected in June, who has passed in five or more subjects, may try the whole examination again in September ; but a preliminary certificate given in June cannot be used in the following September examination.

THE REGULAR EXAMINATION FOR ADMISSION to College is held at Alumni Hall, New Haven, on Thursday, Friday, and Saturday after Commencement (June 29, 30, July 1, 1899) ; *attendance is required at the opening of the examination, at 9 A. M. on Thursday*, and the sessions will close at 1 P. M. on Saturday. The examination is wholly in writing ; a set of papers recently given will be sent by the Registrar, Mr. A. K. Merritt, on application.

In 1899 examinations (beginning on Thursday, June 29, at 9 A. M., and closing on Saturday at 1 P. M.) for admission to the Freshman Class (but not to higher classes) will also be held

in Albany, N. Y., at the Albany Academy ;

Andover, Mass., at Phillips Academy ;

Auburn, N. Y., at the High School ;

Buffalo, N. Y., at the Central High School ;

Chicago, Ill., at the Bryant & Stratton Business College, northwest corner Wabash avenue and Congress street ;

Cincinnati, O., at the Hughes High School, 5th street, head of Mound ;

Cleveland, O., at the University School ;

Columbus, O., at the High School ;

Concord, N. H., at St. Paul's School ;

Denver, Col., at the East Denver High School ;

Detroit, Mich., at the Detroit School for Boys, 36 Putnam av. ;

Easthampton, Mass., at Williston Seminary ;

Exeter, N. H., at Phillips Academy ;

Groton, Mass., at Groton School ;

Kansas City, Mo., at the Kansas City High School, southeast corner of 11th and Locust streets ;

Knoxville, Tenn., at the University School ;

in Lakeville, Conn., at the Hotchkiss School ;  
Lawrenceville, N. J., at the Lawrenceville School ;  
Louisville, Ky., at the Male High School ;  
Milwaukee, Wisc., at the Milwaukee Academy, 471 VanBeuren  
street ;  
New York City, at the Y. M. C. A. building, 23d st. and 4th av. ;  
Norwich, Conn., at the Free Academy ;  
Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street ;  
Pittsburg, Pa., at Shady Side Academy ;  
Pomfret, Conn., at the Pomfret School ;  
Portland, Oregon, at the Bishop Scott Academy ;  
Pottstown, Pa., at the Hill School ;  
St. Louis, Mo., at the Board of Education building, corner 9th and  
Locust streets ;  
St. Paul, Minn., at the High School ;  
San Francisco, Cal., at the Urban School, 2124 California street ;  
Scranton, Pa., at the School of the Lackawanna ;  
Sing Sing, N. Y., at Dr. Holbrook's School ;  
Southborough, Mass., at St. Mark's School ;  
Tacoma, Wash., at the Tacoma Academy ;  
Washington, D. C., in the rooms of the Patent Law Association, in  
the Warder Building, S. E. corner of 9th and F streets, N. W.

An examination will be held on the same days in some city of Northern Europe, if applications are received by the Registrar not later than May 1. The exact place will be advertised in the Paris edition of the New York Herald during the first week of June. For this European examination, a fee of twenty-five dollars will be charged.

Candidates who propose to be present elsewhere than at New Haven are requested to send their names to the Registrar before June 15. A fee of five dollars (payable at the opening of the sessions) is charged for admission to examinations outside of New Haven. The College is also prepared to hold an examination, at the above-named time, in any city or at any school where the number of candidates and the distance from other places of examination may warrant it ; applications for this purpose must be sent to the Registrar before May 15.

A second examination is held, *in New Haven only*, at the beginning of the College year, on Monday, Tuesday, and Wednesday (September 25, 26, 27, 1899); candidates for this examination must be present at Alumni Hall at 2.30 p. m. on Monday.

## ORDER OF JUNE EXAMINATION

*Thursday, June 29*

[Session begins at 9.00. Registration,	.	.	.	9.00—9.40]
Vergil and Prosody,	.	.	.	9.40—10.40
English <i>a</i> ,	.	.	.	10.40—11.30
English <i>b</i> ,	.	.	.	11.30—12.30
Xenophon,	.	.	.	3.00—4.00
Roman History,	.	.	.	4.00—4.30
Greek Grammar,	.	.	.	4.30—5.30
Greek Composition,	.	.	.	5.30—6.00

*Friday, June 30*

Homer,	.	.	.	9.00—10.00
Algebra <i>a</i> ,	.	.	.	10.00—10.45
Algebra <i>b</i> ,	.	.	.	10.45—11.30
Caesar and Nepos,	.	.	.	11.30—12.15
Cicero,	.	.	.	2.45—3.30
Greek History,	.	.	.	3.30—4.00
Geometry <i>a</i> ,	.	.	.	4.00—5.00
Geometry <i>b</i> ,	.	.	.	5.00—6.00

*Saturday, July 1*

Latin Grammar,	.	.	.	9.00—10.00
Latin Composition,	.	.	.	10.00—10.30
Greek at sight,	.	.	.	10.30—11.15
Ovid at sight,	.	.	.	11.15—12.00
French or German,	.	.	.	12.00—1.00

## ORDER OF SEPTEMBER EXAMINATION

*Monday, September 25*

[Session begins at 2.30 p. m. Registration,	.	.	2.30—3.00]
Vergil and Prosody,	.	.	3.00—4.00
English <i>a</i> ,	.	.	4.00—5.00
English <i>b</i> ,	.	.	5.00—6.00

*Tuesday, September 26*

Xenophon,	.	.	.	.	.	9.00—10.00
Roman History,	.	.	.	.	.	10.00—10.30
Greek Grammar,	.	.	.	.	.	10.30—11.30
Greek Composition,	.	.	.	.	.	11.30—12.00
Homer,	.	.	.	.	.	2.30— 3.30
Algebra <i>a</i> ,	.	.	.	.	.	3.30— 4.15
Algebra <i>b</i> ,	.	.	.	.	.	4.15— 4.45
Caesar and Nepos,	.	.	.	.	.	4.45— 5.30

*Wednesday, September 27*

Greek History,	.	.	.	.	.	9.00— 9.30
Geometry <i>a</i> ,	.	.	.	.	.	9.30—10.30
Geometry <i>b</i> ,	.	.	.	.	.	10.30—11.30
Cicero,	.	.	.	.	.	11.30—12.15
Latin Grammar,	.	.	.	.	.	2.00— 3.00
Latin Composition,	.	.	.	.	.	3.00— 3.30
Greek at sight,	.	.	.	.	.	3.30— 4.15
Ovid at sight,	.	.	.	.	.	4.15— 5.00
French or German,	.	.	.	.	.	5.00— 6.00

In general, examinations for admission to the next Freshman Class can be held only in July and September as specified; if in any case sufficient reason exists for an exception to this rule, a special fee (not exceeding fifty dollars) will be charged.

**ADVANCED STANDING.**—All candidates for advanced standing, *whether from other Colleges or not*, are examined, in addition to the preparatory studies, in those studies which have been already pursued (see pp. 55 ff.) by the class which they wish to enter. In the several languages, for the particular books studied by the class, equivalent amounts from other books may be offered. Certificates of standing elsewhere cannot be accepted in place of these examinations, although they may be taken into account as collateral evidence of fitness for admission.

No one is admitted to the Senior Class after the beginning of the second term.

**AGE.**—No one is admitted to the Freshman Class till he has completed his fifteenth year, nor to an advanced standing without a corresponding increase of age.



**TESTIMONIALS**—Satisfactory testimonials of good moral character (preferably from the last principal instructor) are in all cases required, before a certificate of admission in full is granted. Students from other Colleges must present certificates of dismissal in good standing.

**BOND**—Every person must give to the Treasurer, on being admitted, a bond, executed by his parent or guardian, for five hundred dollars, as security for the payment of charges arising under the laws of the College. A blank form for this purpose is furnished at the time of admission.

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#### GOVERNMENT AND INSTRUCTION

The Dean has the general supervision, under the Faculty, of the Senior and Junior classes ; the members of the two lower classes are assigned by divisions for a similar supervision to the care of instructors in those classes.

Absence from College exercises is excused only for extremely urgent reasons. In general, a student cannot be excused for absence at the beginning or near the end of a term. In order to cover all cases of absence which may seem justifiable to the student, but for which no excuses will be accepted, an allowance is granted to a member of the Senior or Junior class of absence from eight class-room exercises (recitations, lectures, or rhetorical appointments), and to a member of the Sophomore or Freshman class from six class-room exercises, during the first term and during each half of the second term, without incurring marks and without affecting his record for scholarship ; provided that these absences shall not immediately precede or follow a vacation or recess ; provided, also, that no two absences shall be consecutive in any one study, and that such absences shall not excuse the student from preparation upon the omitted lessons when reviewed.

The members of the Sophomore and Freshman classes are arranged in divisions according to scholarship. Dur-

ing the present year, for required work the Junior class is divided into eight divisions, the Sophomore class into eight, and the Freshman class into thirteen ; in the elective courses, the divisions are of convenient size for class-room work.

In Freshman year Greek, Latin, and Mathematics occupy eleven hours of class-room work per week, three hours are given to Modern Languages, and one hour to English. In Sophomore year three-hour courses are offered in Greek, Latin, Mathematics, Modern Languages, English, and Physics, and each member of the class is required to select five courses. The kind and amount of study in these two years are believed to be such as are essential for laying the foundation of a liberal education, whatever the department or profession that may be pursued in after-life ; and no more than is needed to give the student a proper basis of knowledge and discipline for the study of the *elective* courses which follow, and that knowledge of himself, and of the subjects before him, which is needed for a judicious choice. If a student can pass a satisfactory examination in any of the Freshman or Sophomore courses for the work of *one year in advance*, he may be allowed to choose from the list of Electives some other course which he is qualified to pursue with advantage, covering the same number of hours.

Of the work of the Junior and of the Senior years over four-fifths is in elective studies. The whole number of elective courses open to the two classes is at the present time about two hundred ; and in addition there are several courses of lectures, attendance on which is optional. The Juniors have open to them elective studies in the Fine Arts, History, Political Science, Psychology and Ethics, the Natural Sciences, and Music, in addition to those in the departments of the Classics, the Modern Languages, and Mathematics ; and the Seniors, electives under all these departments, with others of higher range as explained below.

Many of the courses fall naturally into groups: as that of the Ancient Languages and Literatures; Psychology, Logic, and Philosophy, with Ethics; Political Science and Law; History; Modern Languages and Literatures; Mathematics and Physics; Chemistry and the Natural Sciences; and the student is recommended to select his courses as far as possible according to his needs, in part perhaps according to his expectations as to future work, fixing first upon the chief subject, and selecting others that are subsidiary to it. In several cases, related courses are accessible to the student only as they are taken consecutively.

To promote the rational choice of elective courses, SPECIAL HONORS in various groups of studies are offered, to be given at the end of the Senior year, in accordance with the scheme on page 121.

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THE PROGRAM OF STUDIES for the current year is as follows:

FRESHMAN YEAR:

*Greek*—Thucydides i, selections; the *Olynthiac* and *Philippic* orations of Demosthenes; the *Apology* and one or two other dialogues of Plato.

*Latin*—Livy, books i and ii; selections from Latin prose or verse; Terence or the Satires of Horace; Prose Composition.

*French or German*—Three hours a week throughout the year. Students may at their option either continue the study of the modern language presented for admission to college, or begin the study of the other in case they have not previously pursued it. Those who have sufficient knowledge of either language are assigned to classes still further advanced.

*Mathematics*—*Geometry*: Planes, Polyhedrons, Cones, Cylinders, and Spheres. Projection of figures with exercises on Models. Text-book, Phillips and Fisher's *Geometry*.

*Plane Trigonometry*: Solutions of Triangles, Mensuration, and Surveying. Text-book, Wentworth's *Trigonometry*.

*Mechanics*: The elementary principles of Kinematics, Kinetics (or Dynamics), and Statics, in reference to solid bodies, with practical applications. Text-book, Glazebrook's *Mechanics*.

*English Literature*—Three hours a week through twelve weeks. Six plays of Shakespeare.

## SOPHOMORE YEAR:

Each member of the Sophomore class is required to choose five of the six following courses. In course III either French or German may be taken, but not both.

- I. *Greek*—The *Iphigenia among the Taurians* of Euripides; the *Antigone* and the *Oedipus at Colonus* of Sophocles; the *Clouds* of Aristophanes; lectures on the origin and history of the Athenian Drama, and on the Greek Theatre.

In reading these works, special attention is paid to the structure of the poems and their literary quality, to poetic words, forms, arrangement of words, rhythm, and constructions. Grammatical questions are discussed rarely, except as they are important for the interpretation and illustration of the author's meaning.

- II. *Latin*—The *Odes* and *Epodes* of Horace, the *Agricola* and *Germania* of Tacitus, and several plays of Plautus.

These works have been selected on account of the permanent value and variety of their subject-matter and literary form, and because they illustrate the language and literature at important stages in their development, and represent different periods of Roman history and types of Roman life and character. The class-room treatment is largely literary and historical. In addition to the above texts, a considerable amount of Latin is read at sight.

- III. (a) *French—Advanced Course*. Reading of French prose from A. Dumas, P. Loti, H. Taine, and others, in Luquiens' *Places and Peoples*, and, in verse, Racine's *Britannicus*, V. Hugo's *Ruy Blas*, and Ponsard's *Lion Amoureux*. Alternately with the reading, exercises in composition and, whenever possible, in conversation.

*Second-Year Course* (for students who began French in the Freshman year). Reading of French prose from standard authors on varied topics. A short course in syntax accompanied with exercises in composition and oral practice.

*Beginners' Course*. Practice in pronunciation, early reading of easy French, and a careful study of the main facts of grammar.

- III. (b) *German—Advanced Course*. Rapid reading of selections from history, political writings and literary criticism taken from the works of contemporaneous historians and critics. The object of the course is to acquaint the student more fully with the historical and critical vocabularies and styles, and to prepare him to use German in the work of later advanced courses.

Through the year weekly exercises in German composition.

*Second-Year Course.* Reading of short stories by Riehl, Heyse, and Keller; of a comedy, lyric poems, and selections from historical prose taken in part from a short history of German literature. Practice in writing German. Study of word-formation.

*Beginners' Course.* Grammar. Translation from German into English, and elementary exercises in translating into German. Practice in pronunciation. The course is intended to give to the student a knowledge of such grammatical elements as will enable him to read easy German at sight and to put easy English sentences into German. The reading is of simple narrative prose.

IV. (a) *English Literature.* Two hours a week. The following standard authors are read: Spenser—Book i, *Faery Queene*. Shakespeare—*Othello*, *King Lear*, *Hamlet*. Milton—the *Minor Poems*, and the first two books of *Paradise Lost*. Addison—selections from the *Spectator*. Swift—*Gulliver's Travels*, and many short pieces. Pope—*Rape of the Lock*, *Epistle to Dr. Arbuthnot*, and other poems. Gray—selections from his poetry and prose. In connection with the study of these authors an outline history of English literature will be used.

(b) *Rhetoric*—Recitations and lectures, one hour a week; frequent essays, with regular hours for criticism.

V. *Physics*—A general course commencing with the properties of Liquids and Gases, and going on with the subjects of Sound, Heat, Light, and Electricity. Experimental illustrations are introduced freely into the class-room. Ganot's *Physics* (14th edition) is used as the text-book.

VI. *Mathematics*—There will be two sections in this subject as follows:

SECTION I. Graphic Algebra, the elements of Analytical Geometry, and the introductory principles of the Differential and Integral Calculus with simple applications. All who purpose to make a more extended study of pure Mathematics, to do advanced work in Physics or in any of the subjects which involve graphical or analytical methods, will need this course as a foundation for their future work.

SECTION II. Principles of Plane and Spherical Trigonometry applied to Mensuration, Surveying, Navigation, and the elementary problems of Practical Astronomy.

*Elocution*—An extra elective course of one hour per week is offered to the Sophomore Class in the second term. This course includes lectures on the Science and the Art of Elocution, practice in speaking and reading by small subdivisions, and private individual practice for the "honor men" chosen to contest for the prizes for declamation and reading.

## JUNIOR AND SENIOR YEARS:

Courses covering thirty hours must be satisfactorily completed by each student in Junior and Senior years in order to be recommended for a degree. Every member of the Junior class is required to take not less than fifteen hours, and not more than eighteen hours per week of class-room work.

The *prescribed* studies of Junior year occupy three hours per week, and those of Senior year two hours per week.

## PRESCRIBED STUDIES OF JUNIOR YEAR:

*Logic*—Jevons' *Lessons in Logic*; Fowler's *Inductive Logic*; exercises in the criticism of arguments; lectures.

*Psychology*—Ladd's *Psychology, Descriptive and Explanatory*; lectures.

*Ethics*—Lectures; required readings.

## PRESCRIBED STUDIES OF SENIOR YEAR:

*Philosophy*—One course in this department of study, two hours per week throughout the year, is prescribed. The particular course taken is left, however, to the choice of the pupil from a list of four or more courses. Under the term Philosophy, as here used, is included the study of psychology, ethics, and the history of philosophy.

## ELOCUTION:

*Junior Year, First Term*—An extra elective course of one hour per week in advanced oratorical speaking, or Shakespearean readings. Special preparatory training for the TenEyck Prize Speaking at the Junior Exhibition.

*Senior Year*—Special preparatory training of the speakers for the DeForest Prize in Oratory.

## ELECTIVE COURSES

All members of the *Junior Class* are required to select for their studies not less than fifteen nor more than eighteen hours of elective work per week. All members of the *Senior Class* are required to select for their studies a number of hours per week which, in addition to those chosen and passed satisfactorily at the end of Junior year, will bring the total number up to thirty hours.

JUNIORS are required to take course 1.

SENIORS are required to choose one of the four courses, 2, 3, 4, 5.

Asterisked courses (\*) can only be chosen with the written consent of the instructor.

## I. PSYCHOLOGY ; ETHICS ; PHILOSOPHY

### 1 *Logic, Psychology, and Ethics (elementary course).* 3 hrs.

a-I, IV, Mondays and Thursdays, 8.30 ; a-II, V, Tuesdays and Fridays, 8.30 ; a-III, VI, Wednesdays and Saturdays, 8.30, in B<sub>1</sub> O, A<sub>2</sub> O.

b-I, Wednesdays, 10.30 ; II, Saturdays, 11.30, in A<sub>2</sub> O.

Professors LADD, DUNCAN, and SNEATH.

#### (a) *Elements of Logic and Psychology.* 2 hrs.

B<sub>1</sub> O and A<sub>2</sub> O.

Professors DUNCAN and SNEATH.

In this course systematic instruction is given in the elements of logic and general psychology. Text-books : Jevons' *Elements of Logic* (Hill's ed.) ; Ladd's *Outlines of Descriptive Psychology*.

#### (b) *Elements of Ethics (theoretical and practical).* 1 hr.

A<sub>2</sub> O.

Professor LADD.

A course of lectures, with required readings, on the elements of ethics, theoretical and practical.

#### 2 *Introduction to Philosophy.* [Seniors.] 2 hrs.

Wednesdays and Saturdays, 8.30, A<sub>1</sub> O.

Professor LADD.

This course of lectures is designed to present, in an elementary and summary way, the principal philosophical problems. It may properly be taken by all who desire any acquaintance with philosophy as a means of culture. It is also recommended to those who seek for a general introduction to the more special or advanced study of philosophy. The order of topics followed will be based upon some book giving a general treatment of the subject, supplemented by other reading.

During the latter half of the course special emphasis will be laid upon the philosophy of life and of conduct, in connection with the discussion of problems in Ethics, Aesthetics, and the Philosophy of Religion.

- 3 *History of Modern Philosophy.* [Seniors.] 2 hrs.  
Wednesdays, A, O, Saturdays, B, O, 11.30.

Professor DUNCAN.

An elementary study of the development of speculative thought from Descartes to the present time, with cursory reading of philosophical masterpieces from Descartes to Kant. This course (which is largely a lecture course, with frequent exercises on the texts read and occasional examinations on both the lectures and texts), while intended primarily for general culture, aims also to be an introduction to the more special study of philosophy in its various branches and problems.

- 4 *Philosophical Anthropology.* [Seniors.] 2 hrs.  
Mondays and Thursdays, 10.30, B, O.

Professor SNEATH.

This course furnishes an outline study of man, his body and mind in their relations, his relations to nature, to his fellows, and to God. The course is based upon Lotze's *Microcosmus*.

- 5 *Readings in Philosophy.* [Seniors.] 2 hrs.  
Mondays and Thursdays, 12.30, B, O.

Dr. GREEN.

This course will aim to give a general introduction to Philosophy by the reading of selected portions of philosophical literature. The order of treatment will follow Ladd's *Introduction to Philosophy*. The works to be read, as a whole or in part, will include the following: Paulsen's *Introduction to Philosophy*, Bowne's *Theory of Thought and Knowledge*, Seth's *A Study of Ethical Principles*, Knight's *Philosophy of The Beautiful*, and Fraser's *Philosophy of Theism*. The course will consist of recitations, discussions, papers, and an occasional lecture.

- 6 *Abnormal Psychology.* 1 hr.  
Mondays, 4.00, B, O.

Professor LADD.

This course of lectures is designed to supplement course 1 and to discuss especially the physiological conditions and mental phenomena of sleep, dreams, and hypnotic, somnambulistic, and other allied states. The theory of illusions and hallucinations will be treated with considerable detail.



7 *The Theory of Evolution.* [Seniors.] 2 hrs.

Tuesdays and Fridays, 9.30, 5 M.

Professor WILLIAMS.

A discussion of the facts and phenomena underlying the modern theories of biological evolution, and of the various forms of theory proposed to explain them.

8 *Popular Discussions in Philosophy.* [Seniors.] 1 hr.Thursdays, 9.30, B<sub>1</sub> O.

Professor DUNCAN.

A course in philosophical criticism, intended to develop and train the critical spirit; to deepen interest in the more profound themes of philosophy by showing their connection with popular life and thought; and to vindicate sound psychology and a theistic and Christian philosophy from the perennial misconceptions to which they are exposed. To this end some of the popular philosophical papers of Huxley, Tyndall, Clifford, Spencer and others will be read and freely discussed. Considerable attention will be given to some of the philosophical aspects of the Theory of Evolution, and those who take the course are recommended to take Course 7.

9 *Epistemology.* [Seniors.] 1 hr.Fridays, 9.30, B<sub>1</sub> O.

Professor DUNCAN.

An historical and critical examination of speculations (more especially from Descartes to the present day) relating to the philosophy of knowledge. The course will be conducted in the *seminary* method. Much of the work is research,—the results presented in papers for discussion.

10 *Philosophy and Literature.* 1 hr.Wednesdays, 9.30, A<sub>1</sub> O.

Professor SNEATH.

This course will consider the nature and the problems of philosophy as presented in the writings of distinguished men of letters. The works of the following authors will be specially considered: Coleridge, Carlyle, Tennyson, and Browning. The course will be specially preparatory and supplementary to the philosophical courses of the Senior year.

- 11 *Psychology (Physiological and Experimental).* 2 hrs.

Tuesdays and Thursdays, I at 2.00, II at 4.00,  
Psychological Laboratory.

Dr. SCRIPTURE.

An elementary course illustrated by physiological and psychological experiments. Text-books: Ladd's *Outlines of Physiological Psychology*; Scripture's *New Psychology*.

- 12 *Psychology (Elementary Laboratory Course).* 2 hrs.,  
to count as 1 hr.

Fridays, 4.00-5.50, Psychological Laboratory.

Dr. SCRIPTURE.

This series of very elementary exercises in testing mental ability affords a training similar to that of an elementary course in chemistry or physiology. It is adapted to those who have had little or no laboratory training. A few anatomical and physiological exercises are included in order to enable the student to follow more closely the work of course 11. (The course is specially recommended to those intending to study medicine and to those interested in physical training and the psychology of exercise.)

- 13 *Psychology (Intermediate Laboratory Course).* 3 hrs.,  
to count as 2 hrs.

Fridays, 9.30-12.30, Psychological Laboratory.

Dr. SCRIPTURE.

Elementary course in psychological measurements, covering the principles of experimental psychology. The course affords additional practice of a more advanced kind for those who are taking or have taken course 12. This course corresponds to the single laboratory course given in past years.

- 14 *Applied Psychology.* 1 hr.

Tuesdays, 5.00, Psychological Laboratory.

Dr. SCRIPTURE.

Lectures and exercises in the application of psychological principles to mental training in order to obtain the maximum ability in attention, memory, quickness and accuracy of thought, fineness of sensation, etc.

15 *Pre-Socratic Philosophy.*

2 hrs.

Dr. STEARNS.

The sources and remains of the earliest Greek philosophy will be critically examined and interpreted with a view to explain the origin and first developments of that line of reflective thinking which has had most of influence upon the modern scientific and philosophical ideas and problems.

16 *Aristotle.*

2 hrs.

Dr. STEARNS.

Selected chapters in the *Metaphysics* will be translated and interpreted. Especial emphasis will be laid upon the new and enduring conceptions which underlie Aristotle's thinking. The effort will be constantly made to understand the philosophical thought of the author, and to illustrate and criticise it by comparison with the now current thought on the same topics.

17 *History and Theory of Education.*

2 hrs.

Mondays and Fridays, 3.00, B<sub>1</sub> O.

Dr. GREEN.

This course will comprise readings and lectures on the history and theory of modern education. The bearing of psychology upon methods of teaching and curricula will be considered, followed by a study of the works of the great educational Reformers, closing with a critical study of present theory and practice. The course is especially but not exclusively adapted to all who intend to engage in educational work.

\*18 *Philosophy of Religion.*

[Seniors.] 2 hrs.

Mondays 7.15-9.00, B<sub>1</sub> O.

Professor LADD :—

In this course the principal facts and conceptions which belong to the religious development of man will be made the subject of reflective study. The several topics will be treated in lectures, with constant reference to the works of Pfleiderer, Caird, and others; and the lectures will be supplemented by papers and discussion on the part of the class.

\*19 *Philosophical System.* [Seniors.] 2 hrs.

Wednesdays, 3.15-5.00, B<sub>1</sub> O.

Professor LADD.

Hegel's *Phänomenologie des Geistes* will be studied. After an expository and critical lecture, an elaborate paper by some member of the class will be read and discussed. This course is chiefly an exercise in research and philosophical criticism, and should be taken only by those who are prepared to read the work, upon which it is based, in the original German. See Course 99.

\*20 *Advanced Psychology.* [Seniors.] 2 hrs.

Wednesdays and Saturdays, 9.30, B<sub>1</sub> O.

Professor DUNCAN.

A course in general psychology which aims at a detailed study of the phenomena of mental life from the scientific point of view. James's *Principles of Psychology* will be read, with constant reference to Ladd's *Psychology, Descriptive and Explanatory*, Sully's *Human Mind*, and the works of other leading modern authors; and the reading will be accompanied by papers, discussions, and lectures.

\*21 *History of Modern Ethics.* [Seniors.] 2 hrs.

Tuesdays and Fridays, 9.30, A<sub>1</sub> O.

Professor SNEATH.

This course involves an historical and critical study of modern ethical theory. The course will be dealt with as follows: The ethics of Hobbes and his critics, Cumberland, Cudworth, Clarke, Shaftesbury, and Butler; the development of utilitarian ethics from Locke to Mill; the development of evolutionary ethics—special attention being given to the ethical system of Herbert Spencer; the progress of ethical thought in Germany from Kant to Schopenhauer.

\*22 *Philosophy of Mind.* [Seniors.] 1 hr.

Tuesdays, 11.30, B<sub>1</sub> O.

Professor SNEATH.

Beginning with the facts and laws established by empirical psychology, this course aims at the construction of a metaphysics of mind. The following are some of the subjects treated: The concept of mind; the reality, nature, genesis, and destiny of mind; the relations of mind and body; materialistic objections, etc. The course is based on Ladd's *Philosophy of Mind*.

## II. POLITICAL SCIENCE AND LAW

30 *Economics (general course).* 3 hrs.

I, Mondays and Thursdays, 8.30,	} A. O.
II, Mondays and Thursdays, 11.30,	
III, Tuesdays and Fridays, 8.30,	
IV, Tuesdays and Fridays, 11.30,	
I-IV, Wednesdays, 11.30, College st. Hall.	

## Professors HADLEY and IRVING FISHER.

A thorough course in the elements of the science. Two hours a week are devoted to text-book work with Professor Fisher, involving recitation-room drill in the general principles. Professor Hadley lectures the third hour on the application of these principles to financial and industrial problems of the day.

Text-books: Hadley's *Economics* and Cannan's *Elementary Political Economy*.

31 *Statistics.* 2 hrs.

Wednesdays, 8.30, and Saturdays, 9.30, A. O.

## Professor IRVING FISHER.

First Term: Vital Statistics and Life Insurance. The relations of statistics to the theory of population, the construction of life tables, and the laws of insurance.

Second Term: General statistics. The sources and reliability of statistical data are discussed, and the methods of distinguishing true and false inferences are pointed out.

Text-book: Mayo-Smith's *Statistics and Sociology*.

32 *Finance.* [Seniors.] 3 hrs.

I, Tuesdays, 8.30; II, Fridays, 8.30; III, Saturdays, 8.30; I-III, Mondays and Thursdays, 11.30, E. O.

## Professor SCHWAB.

A second-year course in Money, Banking, and Finance. Two hours a week will be devoted to lectures, and the third hour to a quiz-exercise in small sections under an assistant. The work will cover the principles of money and credit, with illustrations from the monetary, banking, and financial history of the world, and of the United States in particular; it will also cover less in detail the subject of public finance, namely, the systems of government revenue and expenditure.

Text-books: Jevons' *Money and the Mechanism of Exchange*, Dunbar's *Banking*, White's *Money and Banking*, Sumner's *Investment Securities*, and Plehn's *Public Finance*.

- 33 *United States Industrial History.* [Seniors.] 3 hrs.  
     I, Wednesdays, 11.30,  
     II, Saturdays, 9.30,  
     I-II, Tuesdays and Fridays, 11.30, } E, O.

Professor SCHWAB.

A second-year course on the history of the tariff legislation and industrial development of the United States, on the modern industrial system, corporations, and international trade. As in course 32, there will be two lectures a week, the third hour being devoted to a quiz-exercise under an assistant.

Text-books: Taussig's *Tariff History of the United States*, (1892), Bastable's *Commerce of Nations*, Hadley's *Railroad Transportation*, and von Halle's *Trusts*.

- \*34 *Principles of Economics (advanced course).* [Seniors.] 2 hrs.  
     Wednesdays and Saturdays, 10.30, E, O.

Professor IRVING FISHER.

This course is designed for those who wish to make a special study of economic principles and of the outlying problems of economic science. It is open only to those who have taken course 30. Mathematical methods are freely used where needful. As preparatory to the use of these methods, the course begins with lectures on elementary calculus. These are followed by the analysis of: (1) value and prices; (2) general price-levels; (3) effects of "appreciation" and "depreciation," with statistical discussion; (4) bimetallism and other currency schemes, with especial reference to the experience of France, Austria, and India; (5) international trade; (6) capital and interest; (7) distribution.

Text-books: Cournot's *Mathematical Theory of Wealth*, and Fisher's *Introduction to the Calculus, Value and Prices, and Appreciation and Interest*. Reading is also assigned in other works, especially recent investigations. Special papers are read by members of the class.

- \*35 *Economic Debates.* [Seniors.] 2 hrs.  
     Tuesdays, 4.00-5.50, E, O.

Professor HADLEY.

Members of the class will be expected to organize debates each week on subjects of economic interest; to prepare and inter-

change briefs, and argue the questions at issue on the basis of special study and investigation. No one will be admitted who has not already studied Economics.

- 37 *Railroad Transportation.* [Seniors.] 2 hrs.  
Tuesdays and Fridays, 11.30, in E, O.

Professor HADLEY.

An exhaustive investigation of the subject from the original sources. Those who take part in this course must be able to read *with ease* one of the two languages, French or German; and it is desirable that they should know something of both.

- 38 *United States Financial History.* [Seniors.] 1 hr.  
Wednesdays, 11.30, E, O.

Professor SCHWAB.

An advanced course in investigating the financial and economic history of the United States. The period selected for study during 1898-99 is the years 1861-1879. The investigations covered by the members of this course will be: The inflation movement; price fluctuations; the "greenback" in politics; the war finances of the United States.

This course is open to those who take one or both of courses 32 and 33.

- 40 *The Science of Society.* [Seniors.] 2 hrs.  
Mondays and Thursdays, 8.30, A, O.

Professor SUMNER.

An elementary course, with text-book lessons and examinations, in Anthropology and Ethnology, with the origin of civilization and the development of institutions.

In connection with this will be a course of lectures on Systematic Sociology [Societology]. Topics are: The organization of society; the individual and the social; social forces; militarism and industrialism; property; marriage, family, and the status of women; primitive notions in religion and philosophy; civil government, law and rights; slavery and classes; economic interests and their collisions; conditions of welfare; origin of moral standards; reaction of reason on experience. These topics are treated exclusively in the light of Historical Anthropology and Ethnology.

- 41 *The Science of Society*. [Seniors.] 2 hrs., to count as 3 hrs.  
Mondays and Thursdays, 8.30, A<sub>1</sub> O.

Professor SUMNER.

A course with a German text-book (Lippert's *Kulturgeschichte*; 2 vols., Stuttgart, 1887), for those who are able to read difficult German. The exercises are coincident with those of course 40, including the lectures as above.

- 45 *Jurisprudence and Law*. [Seniors.] 2 hrs.  
First term: Fridays and Saturdays, 12.30, A<sub>1</sub> O.

Mr. GAGER.

Lectures, recitations, private readings, and examinations on the following subjects: law in its relations to the origin, development, and government of political society; origin and development of customary law; relation of statute law to customary law; formation and development of codes of law; nature and origin of legal rights; principles of the law governing rights in land; principles of the law governing contract rights; the law of remedies for the violation of rights; origin and procedure of courts of law and equity; criminal law. The instruction in this course is designed to present an historical and philosophical view of the law in its great outlines, as common to all nations, and particularly as developed in the Anglo-Saxon race. In addition it is designed to show the practical methods which obtain in modern commercial transactions and the law as applied to them, and to point out the principal rights acquired, the duties owed, and the liabilities incurred in the every-day conduct of affairs.

To those exhibiting satisfactory evidence of having read the four books of Blackstone's *Commentaries* in connection with this course, a special examination in Blackstone will be given. All who satisfactorily pass such special examination will be entitled to a certificate of having completed the reading of Blackstone.

Second term: Fridays and Saturdays, 12.30, A<sub>1</sub> O.

Professor E. J. PHELPS.

Lectures upon American Constitutional Law and upon International Law. Text-books are read in connection with the lectures.

This course is not intended merely for those who are contemplating the study of the law as a profession, but for all who may be interested in the subjects as a branch of general education.



Students who pursue the course and pass the graduating examination thereon, are entitled to a certificate which in many States is accepted as counting a year in the period of study required for admission to the bar.

### III. HISTORY

#### 50 *Medieval History.* [Juniors.] 2 hrs.

- I, Mondays, 11.30, and Thursdays, 8.30.
- II, Mondays and Thursdays, 11.30.
- III, Tuesdays, 11.30, and Fridays, 8.30.
- IV, Tuesdays and Fridays, 11.30.
- Mondays and Tuesdays in A, O.
- Thursdays and Fridays in C Alumni Hall.

Professor G. B. ADAMS.

The object of course 50 is to furnish an outline of the general history of Europe, and to follow the development of political, intellectual, and religious civilization through the period which lies between ancient and modern history.

#### 51 *History of Europe from the Reformation to the French Revolution.* 2 hrs.

- I, Mondays and Wednesdays, 12.30, }
  - II, Wednesdays and Fridays, 12.30, }
- C Alumni Hall.

Assistant Professor RICHARDSON.

This course will deal mainly with the growth of the European State system, the influence upon Europe of the colonial expansion, and the political and intellectual movements preparatory to the Revolutionary epoch. Some attention will also be given to the economic history of the period.

#### 52 *English Political History.* 2 hrs.

- I, Mondays and Thursdays, 9.30, }
  - II, Tuesdays and Fridays, 10.30, }
- C Alumni Hall.

Assistant Professor RICHARDSON.

This course is required for admission to course 53.

It develops especially those topics of political history which bear directly upon the growth of English nationality and national institutions. In the latter part of the course considerable attention will be given to the colonial expansion.

53 *English Constitutional History.* [Seniors.] 2 hrs.

I, Mondays and Thursdays, 10.30, } C Alumni Hall.  
 II, Tuesdays and Fridays, 9.30, }

Professor G. B. ADAMS.

After the year 1898-99 this course will be open only to those who have taken or are taking course 52. Particular attention will be given to the connection between English institutions and American, to the history of judicial institutions, and to the forms and operation of the present English government. The more important constitutional documents will be discussed in detail as well as such other contemporary sources as are accessible. While this course is of special value to those who intend to study law, the interest of the general student will also be kept in view.

54 *History of Europe since 1789.* [Seniors.] 2 hrs.

I, Mondays and Thursdays, 11.30,  
 II, Mondays and Thursdays, 12.30,  
 III, Tuesdays and Fridays, 8.30,  
 IV, Tuesdays and Fridays, 11.30, } C, O.

Professor WHEELER :—

Mainly political ; introductory to European politics of our day.

57 *Ancient Oriental Nations from the earliest times.* 2 hrs.

Mondays and Thursdays, 12.30, C<sub>1</sub> O.

Mr. F. W. WILLIAMS.

A comprehensive survey of the beginnings of civilization, and its development in the principal nations of antiquity, including Babylonia, Assyria, Egypt, Phoenicia, and Media. This course illustrates the connection of Biblical and profane history, discusses the origins of political and social institutions, religions, the arts and sciences, and the Asiatic sources of European civilization, and constitutes an introduction to the study of history.

58 *Medieval Asia and the Mohammedan Conquest.* 2 hrs.

Mondays and Thursdays, 11.30, C<sub>1</sub> O.

Mr. F. W. WILLIAMS.

The period studied in this course begins with the Parthian Empire, follows the rise and extension of the New Persian Monarchy, or Kingdom of the Sassanidae, to its overthrow by

the Mohammedans, and traces the spread of Islam East and West through the Middle Ages to the height of its power. It both concludes the ancient history of Western Asia and shows the Asiatic influences in European history down to modern times.

59 *Modern Asiatic History.*

2 hrs.

Tuesdays and Wednesdays, 12.30, C<sub>1</sub> O.

Mr. F. W. WILLIAMS.

A course embracing successively the regions of India, Japan, China, and Central Asia, with particular regard to their history since the 17th century, their governments, and their relations with European powers. The culture, faiths, and sociology of existing nations in the Far East are here considered with a view of interesting those whose historical knowledge is confined to the Western world. The course is designed to stimulate further reading by students in special topics suggested by the instructor, upon which written essays will be presented and discussed. It also offers an opportunity for those contemplating missionary careers to acquaint themselves with the political and social condition of the more important foreign missionary fields.

60 *American History (Constitutional).* [Seniors.] 2 hrs.

I, Mondays and Thursdays, 10.30,	} D <sub>1</sub> O.
II, Mondays and Thursdays, 11.30,	
III, Tuesdays and Fridays, 8.30,	

Professor C. H. SMITH.

Constitutional history of the United States, showing the sources and formation of the constitution in the colonial and revolutionary periods, and its operation and development in the national period. During part of the year a study will be made of the structure and working of the Federal government, and of the State constitutions, with Bryce's *American Commonwealth* as a text-book.

61 *American History (Colonial).*

2 hrs.

Tuesdays and Fridays, 9.30, C<sub>2</sub> O.

Professor BOURNE.

This course will deal with the history of the American Colonies from the beginning of the discoveries until the end of the Ameri-

can Revolution. The nature and objects of colonies, the character and aims of the colonists, the political and social development of the colonial communities, and the causes of the Revolution will be the leading topics. The work of the course is based on Hart's *American History told by Contemporaries*, vols. i and ii.

62 *American History (National)*. [Juniors.] 2 hrs.

I, Mondays and Thursdays, 9.30, } A<sub>1</sub> O.  
II, Mondays and Thursdays, 10.30, }

Professor BOURNE.

The Political History of the United States from 1783 to 1885. The rise and growth of parties, the development of democracy, the influence of the westward expansion and of slavery on political life, and the origin and significance of the more important economic questions will be discussed.

IV. MODERN EUROPEAN LANGUAGES AND LITERATURE

COURSES IN THE ROMANCE LANGUAGES

\*70 *Second-Year French*. 3 hrs.

Tuesdays, Wednesdays, and Fridays, 9.30, D<sub>1</sub> O.

Mr. TAYLOR.

Reading from standard French authors; a short course in French syntax accompanied by exercises in composition and oral practice. This course is open to students who have had only one year of French.

\*71 *Short Masterpieces of French Literature*. 2 hrs.

Tuesdays and Fridays, 9.30, E<sub>1</sub> O.

Professor LUQUIENS.

Rapid reading of short pieces, prose and verse, by great writers from all epochs of modern French literature; alternating with the reading, practice in writing and speaking, conducted in French. Open to students who have taken Sophomore French with credit.

73 *Systematic Readings in the French Literature  
of the xviii<sup>th</sup> Century.*

2 hrs.

Tuesdays and Fridays, 10.30, E, O.

Professor LUQUIENS.

During the first term the readings will be from such authors, whether from the xviii<sup>th</sup> century or from later days, as will allow the student to form an idea of French society in that period. The rest of the year will be devoted to readings from the dramatists, Corneille, Racine, Molière. Occasional papers on outside reading required during the year. Open to students who have taken Sophomore French or its equivalent.

\*74 *Entretiens sur la Littérature Française  
du xvii<sup>e</sup> siècle.*

3 hrs.

Mondays, Wednesdays, and Thursdays, 10.30, E, O.

Professor LUQUIENS.

This course covers the same ground as the preceding one, but is conducted in French, all exercises, written and oral, being intended to impart a command of the language as well as a knowledge of the literature. Open to students who have taken Sophomore French with credit.

[75 *French Literature of the xix<sup>th</sup> Century.*

3 hrs.]

Professor LUQUIENS.

Omitted in 1898-99, but will be given in 1899-1900.

\*76 *French Literature of the xv<sup>th</sup> Century.*

2 hrs.

Professor LUQUIENS.

A study of the revival of French letters which followed the Italian Renaissance and the Reformation. The course will begin with a brief survey of the linguistic facts pertaining to that period and continue with the study of the poets, Marot, Ronsard, etc., and of the prose writers, especially Rabelais and Montaigne.

This course is primarily for graduate students, but is open to Seniors who have taken previously at least one elective in French literature.

- \*77 *Early French Literature and Historical Grammar.* 2 hrs.  
Mondays and Fridays, 5.00, E, O.

Professor LUQUIENS.

The first term is devoted to a study of the linguistic facts connected with the origin and formation of French from Latin, and to the interpretation of the earliest texts; the rest of the year, to reading from representative productions of the xith and xiiith centuries.

This course, like course 76, is primarily for graduate students, and open to Seniors on the same conditions.

- [\*78 *French Literature of the xviiiith Century.* 2 hrs.  
Professor LUQUIENS.

First, a study of the writers who continue or modify the dramatic traditions inherited from the xviith century, Regnard, Marivaux, Voltaire, Diderot, etc.; but the main part of the course is devoted to a study of the evolution of French thought as manifested in the works and the influence of Montesquieu, Voltaire, Diderot, J. J. Rousseau.

For graduate students and those Seniors who meet the requirement stated for courses 76 and 77.]

Omitted in 1898-99; will be given in 1899-1900.

- 80 *Spanish (elementary course).* 3 hrs.  
Mondays, Wednesdays, and Thursdays, 9.30, K, O.

Professor LANG.

This course is open to those who have had Sophomore French or who shall otherwise satisfy the instructor of their fitness to take it. Stress will be laid on the acquisition of a good pronunciation and on such a mastery of the grammar as shall lead to a ready and accurate reading knowledge, which is the leading aim of the instruction.

Knapp's *Spanish Grammar*; Alarcon's *El Final de Norma* and Perez Galdós' *Doña Perfecta* will be used as text-books.

- \*81 *Spanish Literature of the xvith and xviiiith Centuries.* 2 hrs.  
Tuesdays and Fridays, 9.30, K, O.

Professor LANG.

This and the following are literary courses, open only to such students as have passed through course 80 or who shall satisfy

the instructor of their fitness by passing a special examination, evidence of which, in writing, must accompany the choice of the course.

Spanish Drama. Guillen de Castro's play *Las Mocedades del Cid* (edited by E. Mérimée, Toulouse, 1890) and *Select Plays of Calderon* (edited by Norman Maccoll, London, 1888) will be read, and lectures given on the origin and development of dramatic art in Spain.

[82 *Spanish Literature of the xvth and xviith Centuries.* 2 hrs.  
Professor LANG.

Spanish Fiction. Study of the Novel in the golden age of Spanish literature, based on the reading of selections from works of the sixteenth century, but especially on Cervantes' *Don Quixote* (edition of Garnier Hermanos, Paris, 1875).]

This course is omitted in 1898-99, but will be given in 1899-1900.

85 *Italian (elementary course).* 3 hrs.

Tuesdays, Wednesdays, and Fridays, 8.30, B. O.

MR. HOLBROOK.

This course is open to those who have had Sophomore French, or who shall otherwise satisfy the instructor of their fitness to take it. Stress will be laid on the acquisition of a good pronunciation and on such a mastery of the grammar as shall lead to a ready and accurate reading knowledge, which is the leading aim of the instruction.

Grandgent's *Italian Grammar*; Bowen's *Italian Reader*, and *Novelle Scelte dal Decamerone* di G. Boccaccio (ed. Fornaciari), will be used.

\*86 *Dante's Life and Works.* 1 hr.

Saturdays, 9.30 A. M., K, O.

Professor LANG.

This is a strictly literary course, open only to those who have passed through course 85, or who shall otherwise satisfy the instructor of their fitness to take it.

After some introductory lectures on Italian poetry previous to Dante, and its relations to the literatures of Provence and of France, the *Vita Nuova* and selections from the *Divina Commedia* will be read and explained.

Students will provide themselves with A. D'Ancona's edition of *La Vita Nuova* (2d ediz., Pisa, 1884), Fraticelli's edition of *La Divina Commedia* (Firenze, 1886) and Scartazzini's *Companion to Dante* in Butler's translation (London, Macmillan Co., 1893).

\*89 *Petrarch.*

1 hr.

Saturdays, 10.30 A. M., K, O.

Professor LANG.

This course will consist in a study of Petrarch's *Rime* and of his influence as the leader of the humanistic movement. Portions of the *Rime* will be read and explained in class, and additional reading and study assigned to be done in private.

Students will provide themselves with G. Rigutini's edition of *Le Rime di Francesco Petrarca* (Milano, Hoepli, 1896) and T. Casini's *Le Forme metriche italiane* (2d ediz., Firenze, 1890).

COURSES IN THE GERMANIC LANGUAGES

90 *Second-year German.*

3 hrs.

Tuesdays and Fridays, 10.30, Wednesdays, 9.30, F, O.

Dr. W. A. ADAMS.

Reading of short stories, a comedy, lyric poems, and selections from historical prose taken in part from a short history of German literature; practice in writing German; study of word-formation. Students who have already had one year of German, and wish to continue its study, will choose this course, which is open only to those who have taken elementary German in Freshman or Sophomore year, and to those who have passed the admission examination in German.

91 *Schiller, Works and Life.*

2 hrs.

Tuesdays and Fridays, 9.30, F, O.

Professor GRUENER.

Rapid reading of plays, poems, and prose writings of Schiller, with study of his life. The object of this course is to acquaint the student more fully with the vocabulary and style of standard German literature, and to present Schiller's character and influence as a writer and thinker. Course 91 is open only to those who have previously had at least two years of German.



92 *Prose of Modern Historians and Critics.* 2 hrs.

Tuesdays and Thursdays, 1st term, 5 P. M., 2nd term,  
2 P. M., F. O.

Professor GRUENER.

Rapid reading of selections from history, political writings, and literary criticism. The object of this course is to acquaint the student more fully with the historical and critical vocabularies and styles. Course 92 is open only to those who have previously had at least two years of German.

94 *Scientific German.* 2 hrs.

Wednesdays and Saturdays, 9.30, F. O.

Professor PALMER.

Rapid reading of extracts and monographs treating of subjects in natural science. The object of this course is to introduce the student to the more general vocabulary of modern scientific German. Course 94 is open only to those who have previously had at least two years of German.

95 *German Composition and Conversation.* 3 hrs.

Tuesdays, Wednesdays, and Fridays, 10.30, F. O.

Professor GRUENER.

For practice in speaking and writing. Course 95, conducted in German, is especially intended for those who look forward to teaching German and open to those only who have done superior work in German. Translation into German of narrative prose and of selections from history and literature; during the second term, also original essays; special topics are assigned for discussion in German.

96 *Goethe, Works and Life.* 3 hrs.

Mondays, Thursdays, and Saturdays, 9.30, D. O.

Dr. W. A. ADAMS.

One hour each week will be devoted to the shorter poems; two hours to prose and longer poetical works. The course aims, as far as its limits will permit, to present Goethe through his works. Accordingly the selection of poems and other writings will be a chronological one. Of the longer works *Göts von Berlichingen* will be read first, in connection with which a study

of *Der junge Goethe* will be made. *Iphigenie*, *Faust I*, and parts of *Faust II* will follow, with a study of the maturer Goethe. Discussion of the leading essays in English upon Goethe, *Conversations with Eckermann*, read in selections, and an estimate of Goethe as a man and writer, based chiefly upon the work done during the year, will end the year's work. Occasional lectures. Course 96 is open only to those who have previously had at least two years of German, and ordinarily would be taken best after three years of German.

97 *Lyrics and Ballads.*

2 hrs.

Mondays and Thursdays, 10.30, F. O.

Professor PALMER.

Reading of a large amount of representative German lyric and ballad poetry with critical study of characteristic features in different authors and periods. The text-books will be Buchheim's *Deutsche Lyrik*, Buchheim's *Balladen und Romane*, Busse's *Neuere Deutsche Lyrik*, White's *Deutsche Volkslieder*, Kinzel's *Walther von der Vogelweide und Des Minnesangs Frühling*.

[98 *History of German Literature, 1624-1832.*

2 hrs.

Professor PALMER.

The development of German literature will be studied from the time of Opitz to Goethe's death. The text-books will be: Kluge's *Geschichte der deutschen National-Litteratur*, Scherer's *History of German Literature*, Max Müller's *German Classics*, and Hillebrand's *German Thought from the Seven Years' War to Goethe's Death*. Course 97 is open only to those who have previously had at least two years of German, and ordinarily would be taken best after three years of German.]

Course 98 is omitted in 1898-99.

\*99 *Philosophical German.*

2 hrs.

In connection with course (19) there will be translated with graduate students Hegel's *Phänomenologie des Geistes*. Seniors may choose this course with the consent of both instructors.

[\*100 *Gothic, Old High German, and Old Saxon.*

3 hrs.

Professor PALMER.

An introductory course, especially for those intending to study German or English historically.

The first half-year is given to the study of Gothic and its phonological relations both to earlier Indo-Germanic and to later Germanic languages. Braune's *Gotische Grammatik*, and Streitberg's *Gotisches Elementarbuch*, or Wright's *Gothic Language Primer*, Heyne's *Ulphilas*, Streitberg's *Urgermanische Grammatik*, and Henry's *Comparative Grammar of English and German*.

The second half-year is given to the study of Old High German and Old Saxon. Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch*; Gallée's *Altsächsische Grammatik* and Behaghel's *Heliand*.]

Course 100 is omitted in 1898-99.

\*101 *Middle High German.*

3 hrs.

Professor GRUENER.

Hartmann; *Der arme Heinrich* and *Iwein*, *Nibelungenlied*: Selected poems of Walther von der Vogelweide. Selections from Wolfram von Eschenbach's *Parzival*. Lectures and papers.

[102 *German Literature of the Reformation-Period*  
(1500-1624).

3 hrs.

Professor GRUENER.

The development of German literature will be studied from the beginning of the Reformation to the time of Opitz. Characteristic works of the important writers of the period are read, chiefly for literary purposes, though also with reference to the political, social, and religious conditions of the times.]

Course 102 is omitted in 1898-99.

\*103 *Old Norse (Icelandic).*

3 hrs.

Professor PALMER.

Grammar, and reading in the Sagas and the Elder Edda.

104 *Norwegian and Danish.*

2 hrs.

Professor PALMER.

The object of this course is to lay the foundation for a reading and practical knowledge of the language. Together with the study of the grammar, there will be read selections from the writings of modern authors.

## COURSES IN ENGLISH

The arrangement of the courses is approximately chronological, save for a rhetorical course at the beginning, and three general courses at the end.

\*106 *Rhetoric (fortnightly essays).* [Juniors.] 2 hrs.

Tuesdays and Fridays, 10.30, 176 Lyc.

Assistant Professor BALDWIN and Mr. C. W. WELLS.

I. *For the class*: (1) completion of the general training in composition through practice in written arguments (the extent of this practice is determined for each student by his proficiency. The average case requires most of the first term); (2) lectures on prose forms and on style; (3) occasional class-room themes.

II. *For each student*: systematic practice and criticism in any prose form: e. g., (1) expository essays in connection with research required for other elective courses; or (2) reviews and popular exposition; or (3) studies in narrative; or (4) daily themes (for not more than ten weeks); or (5) forensics (for not more than twenty weeks); or (6) two or three of these forms in succession.

107 *Old and Middle English.* 2 hrs.

Mondays and Thursdays, 10.30, C<sub>1</sub> O.

Professor COOK.

An elementary course in the beginnings and earlier development of the English language and literature. Reading is begun at the earliest practicable moment, and the study is made as literary in character as is consistent with a thorough grounding in the rudiments of the language. This course, while it is indispensable to all graduate students and future teachers of English, and will also be of service to students of English history and of the English Bible, is designed as well for those who, in the pursuit of general culture, are unwilling to remain ignorant of the foundations of the English language and literature.

108 *Chaucer.* 2 hrs.

I, Wednesdays and Saturdays, 10.30, }  
II, Wednesdays and Fridays, 12.30, } 176 Lyc.

Assistant Professor PHELPS.

A literary study of Chaucer. Most of the *Canterbury Tales*, the minor poems, and the *Troilus and Criseyde*, will be read in the class-room. Chaucer as a poet, metrist, literary artist, and delineator of character.

In connection with the *Knight's Tale* and the *Troilus*, the Elizabethan plays, *The Two Noble Kinsmen* and *Troilus and Cressida*, will be read. The types of character and the social life of Chaucer's times will be discussed in connection with the *Canterbury Tales*. His place in English literature, his influence on English poetry, and the modernized versions by Dryden and others, will receive due attention.

\*109 *The English Renaissance.*

1 hr.

Saturdays, 9.30, 175 Lyc.

Assistant Professor LEWIS.

Specimens from Chaucer's contemporaries and immediate followers will be read, for the sake of securing a medieval background. More copious selections from later writers will illustrate the intellectual and artistic development of the Renaissance period. The course will begin with *King Horn*, and extend to the English version of the *Utopia*. Some familiarity with 14th century English will be required.

[110 *Elizabethan Literature.*

2 hrs.

Assistant Professor PHELPS.

Studies in the poetry and prose of the Elizabethan period, exclusive of the drama. Wyatt, Surrey, Ascham, Foxe, Painter, Lyly, Raleigh, Greene, Nash, Lodge, Marlowe, Hooker, Sidney, Spenser, Shakespeare, Davies, Drayton, Chapman, and others. Lectures, discussions, and preparation of special papers by members of the class.]

Omitted in 1898-99.

[111 *Elizabethan Drama.*

[Seniors.] 2 hrs.

Assistant Professor PHELPS.

The English Drama, from the Mystery Plays to the closing of the theatres in 1642, studied both from the literary and the dramatic point of view. Plays of the pre-Elizabethan period are read and briefly discussed, with the object of getting a historical background. Some plays of all the principal dramatists from 1580 to 1640, except Shakespeare, will be read: Marlowe, Ben Jonson, Dekker, Heywood, Chapman, Middleton, Beaumont and Fletcher, Webster, Ford, Massinger, Shirley. As a rule, one play will be read for each lesson.]

Omitted in 1898-99.

112 *Shakespeare and the Modern Drama.*

[Juniors.] 2 hrs.

Mondays and Fridays, 5.00 (second term, 3.00), 176 Lyc.

Professor BEERS.

Ten or twelve typical plays of Shakespeare will be read in the first term, as a standard of comparison and a basis for the study of the drama since 1660. The work of the second term will include a review of the Restoration theatre, the leading stage-plays of the 18th century, and the literary verse-drama of the 19th.

113 *Milton and his Contemporaries.*

[Seniors.] 2 hrs.

Mondays and Fridays, 4.00 (second term, 2.00), 176 Lyc.

Professor BEERS.

A course in the literature of the Stuart and Commonwealth period as related to the political and religious controversies of the time, and with Milton as the central figure. All of Milton's English verse will be read; the *Epitaphium Damonis* and two of the Latin *Elegies*; and several of his prose writings. Other authors represented will be Herbert, Clarendon, Hales, Chillingworth, Marvell, Butler, and the Cavalier poets. Lectures and assigned reading in special topics, such as Little Gidding, the Siege of Basing House, Lord Falkland at Tew, the Latitudinarians, Elizabeth Stuart and the Palatinate, the Marquis of Montrose, etc.

\*114 *English Literature of the Seventeenth Century.*

[Seniors.] 2 hrs.

Tuesdays and Fridays, 11.30, 176 Lyc.

Assistant Professor PHELPS.

A rather minute study of English poetry and prose from Donne to Dryden. The poetry of Donne, Drummond, Herbert, Crashaw, Vaughan, Quarles, Carew, Suckling, Herrick, Cowley, Waller, Marvell, Butler, and Dryden will be read; also the prose of Burton, Browne, Taylor, Pepys, Fuller, Walton, Bunyan, and Dryden. The social life of the times will be also discussed.

As Milton is treated in another course, he is purposely omitted here, nor does this course conflict in any way with course 113.

115 *American Literature.*

1 hr.

Tuesdays, 12.30, A, O.

Assistant Professor PHELPS.

A critical study of leading American authors for the past hundred years, beginning with Franklin, and coming down to the men of to-day. A large amount of reading will be required; also a weekly one-page critical theme from each member of the class.

116 *English Poets of the Nineteenth Century.*

[Juniors.] 2 hrs.

Tuesdays and Thursdays, 5.00 (second term, 3.00), A, O.

Assistant Professor LEWIS.

A course of lectures, biographical and critical. A considerable amount of reading will be assigned, and short papers will be written by the class at each exercise. The course will include Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning, Rossetti, Clough, Arnold, Swinburne, and perhaps others.

118 *Victorian Literature.*

[Seniors.] 2 hrs.

Tuesdays and Thursdays, 4.00 (second term, 2.00), 176 Lyc.

Professor BEERS.

A study of certain authors, groups, and literary movements in England since 1837. (Tennyson and Browning will not be included in this course.)

119 *Tennyson and Browning.*

[Juniors.] 2 hrs.

Wednesdays and Saturdays, 8.30, 176 Lyc.

Assistant Professor PHELPS.

The autumn term will be occupied with the study of Tennyson. Practically all of his poetry will be read. His theory of the poet's art, his skill in technique, his artistic expression, and his representation of nineteenth century ideas, will be studied in detail.

After Christmas, the complete works of Browning will be taken up, only those being omitted which are unnecessary in forming a general estimate of his work as a poet. His personal force, his growth, his attitude toward his art, and his place in nineteenth century poetry will be considered; but the chief attention will be paid to his analysis of human life and character.

The instruction in this course will be by means of recitations, discussions, and the preparation of short special papers by the students.

120 *Theories of Metrical Translation.* 1 hr.

Wednesdays, 4.00 (second term, 2.00), 176 Lyc.

Professor BEERS.

A book or two of Homer, several cantos of Dante, and a portion of *Faust* will be examined, in connection with the standard English metrical translations, and with critical matter, such as Matthew Arnold's *Essays on Translating Homer*.

\*121 *English Lyrical Poetry.* [Seniors.] 2 hrs.

Tuesdays and Thursdays, 5.00 (second term, 3.00), C<sub>1</sub> O.

Dr. REED.

A course on the origin and development of the English lyric from Skelton to Matthew Arnold. The technique of lyrical verse will be carefully examined, and attention will be paid to the development of lyric types, such as the ode, the elegy, and the sonnet. Among the many authors to be read are Wyatt, Sidney, Spenser, Drayton, Shakespeare, Campion, Donne, Jonson, Milton, Herrick, Carew, Crashaw, Marvell, Dryden, Prior, Gay, Burns, and Blake.

122 *History of the English Language.* 2 hrs.

Tuesdays and Fridays, 9.30, 175 Lyc.

Dr. F. H. CHASE.

A course on the basis of Emerson's *History of the English Language*, with special reference to etymology. As a reference book in the latter subject, Skeat's *Principles of English Etymology* will be used. The work will consist of recitations and the preparation of brief written reports upon topics suggested by the study.



## V. ANCIENT LANGUAGES AND LINGUISTICS

123 *Homer, Theocritus, and the Lyric Fragments.* 2 hrs.

Mondays and Fridays, 5.00, 17 Phelps Hall.

Professor SEYMOUR.

The works of these poets are read rather rapidly, with more attention to their characteristics as literature than to specially linguistic and grammatical questions.

124 *Plato and Aristotle.* 2 hrs.

Tuesdays and Thursdays, 3.00, 23 Phelps Hall.

Professor SEYMOUR.

(a) The *Phaedo* of Plato, with an introduction to the literary and philosophical study of this author.

(b) The *Nicomachean Ethics* of Aristotle, Books i-iv and x, with a study of Aristotle's methods of research and statement.

[125 *Aeschylus and Pindar.* 2 hrs.

Professor SEYMOUR.

The *Persians* and *Seven against Thebes* of Aeschylus, with special attention to the historical element in the *Persians*, as well as to the dramatic structure of the two plays.

The principal extant odes of Pindar are read, and a sketch of Greek Lyric Poetry is given.]

Omitted in 1898-99.

[126 *Plato.* 2 hrs.

Professor SEYMOUR.

The *Gorgias* and several of the minor dialogues are read, chiefly with reference to the characteristics of Plato's literary style and the form of the dialogue, but without neglecting entirely the Platonic philosophy.]

Omitted in 1898-99.

[127 *Greek Testament.* 1 hr.

Professor SEYMOUR.

A philological study of St. Paul's *Epistles to the Corinthians*, and the chief characteristics of the Hellenistic diction.]

Omitted in 1898-99.

- [128 *Aristophanes. The Testimony of Old Athenian Comedy to the Political and Social Life of its Time.* 2 hrs.

Professor PERRIN.

The *Acharnians*, *Knights*, *Wasps*, *Birds*, and *Plutus* will be read entire, together with extracts from the other plays, and some of the more notable *Fragments*. The plays will be analyzed as artistic literary creations, and their testimony to the history of the period collated and weighed.]

Omitted in 1898-99.

- [129 *Greek Social and Private Life.* 1 hr.

Professor PERRIN.

In close, though not necessary, connection with the above course in Aristophanes, a weekly quiz, conference, or lecture will be held on the social and private life, the customs, manners, and most prevalent beliefs of the ancient Greeks, particularly of the Athenians.]

Omitted in 1898-99.

- [\*130 *Greek Art.* 2 hrs.

Professor GOODELL.

An introduction to the study of Greek architecture, sculpture, and pottery, with some attention to gems, coins, metal work, figurines, and painting, as illustrated by existing examples. Prominence will be given to the historical development of Greek artistic production and its relation to other phases of Greek life and to modern art. A reading knowledge of French and German is essential.

This course is intended for Graduates, and for Juniors and Seniors whose previous record justifies the belief that they will do serious work.]

Omitted in 1898-99.

- \*131 *Sophocles.* 3 hrs.

Mondays, Wednesdays, and Fridays, 10.30, 15 Phelps Hall.

Professor GOODELL.

Reading of the seven extant plays with special attention to the artistic form, including style, treatment of the myths, management of the action, use of metres and the like. A brief but

systematic introduction to Greek rhythmic and metric will be given by lectures, combined with practice in reading, chiefly from Sophocles; to this will be devoted one hour weekly.

This course is intended for Graduates, and for Juniors and Seniors who have done superior work in Greek.

[132 *Lucian.*

Professor REYNOLDS.

A general reading course in prose, with discussion of the life and times of Lucian and of his influence upon modern literature. The *Dream*, *Charon*, *Timon*, *Angler*, and *True History* will be read, with many minor pieces, including the *Dialogues of the Gods* and *Dialogues of the Dead*. The Teubner text will be used together with Williams's *Selections from Lucian*.]

Omitted in 1898-99.

133 *Euripides.*

2 hrs.

Tuesdays and Fridays, 10.30, 14 Phelps Hall.

Professor REYNOLDS.

A reading-course with reference to Euripides' poetic and dramatic quality. Five or six plays will be read. Discussion of the poet's relation to his own times, style, metres, dramatic innovations, and influence on the Roman and the modern dramatists, with occasional lectures.

[134 *The Sicilian Invasion.*

2 hrs.

Mr. KITCHEL.

The Sixth and Seventh Books of Thucydides will be read. The relation of this great catastrophe to the preceding and the subsequent history of the Athenian empire will be emphasized; the geography and topography involved will be carefully considered, and the author will be compared with the historians who preceded and followed him.]

Omitted in 1898-99.

135 *The Choephoroi of Aeschylus, the Electra of Sophocles, and the Electra of Euripides.*

2 hrs.

Mondays and Thursdays, 9.30, 8 Phelps Hall.

Mr. KITCHEL.

These plays, together with the *Frogs* of Aristophanes, will be read and carefully compared, with the intent of noting the de-

velopment of the drama thus exhibited. The points of similarity and dissimilarity between the ancient and the modern drama will be sought for.

\*136 *Modern Greek.*

1 hr.

Wednesdays, 12.30, 16 Phelps Hall.

Mr. HEERMANCE.

A practical introduction to the subject, using E. Rizo-Rangabé's *Modern Greek Method* (Ginn & Co., 1896) as outline, with some reference to other manuals. Particular attention will be given to the colloquial language, largely on the basis of A. Thumb's *Handbuch der neugriechischen Volkssprache* (Strassburg, 1895).

Undergraduates who wish to elect this course must first obtain the instructor's consent.

137 *Greek Composition.*

1 hr.

17 Phelps Hall.

Dr. JOHNSON.

Exercises in Greek Prose Composition. Sidgwick's *Greek Prose Composition* will probably be used.

For Courses in Greek Philosophy see Courses 15, 16.

COURSES IN LATIN

[140 *Cicero (Brutus), Quintilian (x and xii), and Tacitus (Dialogus).* 2 hrs.

Professor PECK.]

[141 *Tacitus (Annals, i-vi) and Suetonius (Augustus and Tiberius.)* 2 hrs.

Professor PECK.]

[142 *Early Latin.* 2 hrs.

Professor PECK.]

[143 *Ennius, Lucretius, Vergil, and Horace.* 2 hrs.

Professor PECK.]

[144 *The Letters of Cicero, Pliny, Fronto, and Marcus Aurelius.*

2 hrs.

Professor PECK.]

[145 *Latin Philology.*

1 hr.

Professor PECK.]

[146 *Roman Archaeology.*

1 hr.

Professor PECK.

Courses 142, 145, and 146 can be taken by such undergraduates only as have done superior work in Latin. ]

Courses 140, 141, 142, 143, 144, 145, 146 are omitted in 1898-99.

[147 *Latin Lyric Poetry.*

2 hrs.

Professors H. P. WRIGHT and INGERSOLL.

Books iii and iv of the *Odes* of Horace; selections from Catullus: Latin Hymns.]

Omitted in 1898-99.

148 *Latin Satire and Comedy.*

2 hrs.

Mondays and Thursdays, 9.30, 11 Phelps Hall.

Professors H. P. WRIGHT and INGERSOLL.

Juvenal and Martial—*Satires* i, iii, iv, v, vii, viii, of Juvenal, and selections from Martial, with special reference to a study of the private life of the Romans.

Plautus—Three or four plays, with study of literary history, form, and influence.

[149 *Vergil.*

2 hrs.

Professor MORRIS.

An introduction to Vergil, intended to give students who may expect to teach Latin an acquaintance with the best editions and commentaries and with works on special topics, the Life of Vergil, the Aeneas legend, relation to Greek poets and to earlier Roman poetry, mythology, Vergil in the Middle Ages. Parts of the text will be carefully interpreted and other parts will be translated and compared with English versions, and there will be practice in metrical reading.]

Omitted in 1898-99.

150 *Cicero.*

2 hrs.

Tuesdays and Fridays, 11.30, 21 Phelps Hall.

Professor MORRIS.

An introduction to the orations of Cicero, dealing chiefly with the structure of the speeches and their historical interpretation, with some reading in Cicero's letters and rhetorical works. Especially for students who may expect to teach Latin.

151 *Sight-Reading.*

2 hrs.

Mondays and Thursdays, 10.30-12.30, 21 Phelps Hall.

Professor MORRIS.

Sight-reading in the later Latin prose authors, Seneca, Petronius, Pliny the Elder, Apuleius, Boethius. A volume of selections will be used as a text-book. Each session will occupy two hours and no outside work will be required.

152 *Roman Law.*

2 hrs.

Mondays and Thursdays, 10.30, 9 Phelps Hall.

Dr. ROBINSON.

This course is intended to benefit those who desire an insight into Roman law as part of a liberal education as well as those who contemplate the study of law as a profession. The work consists of lectures, assigned readings, and recitations upon lectures and readings.

The text of the *Institutes* of Justinian will be translated, the instructor explaining particularly the technical expressions of lawyers' Latin and lecturing upon the titles which embrace the most important principles of Roman jurisprudence. The class is not required to do philological work in this course. The study of the *Institutes* will be prefaced by lectures upon the history of Roman legislation and supplemented by reference to selected titles of the *Digest* and the commentaries of Gaius.

The Teubner text of *Justiniani Institutiones*, edited by Huschke, is used in the class-room.

153 *Practice in the Writing of Latin.*

1 hr.

Phelps Hall.

Assistant Professor OERTEL.

This course is intended for advanced students in Latin and should be taken only by those who have taken Dr. Wheeler's course or its equivalent.

- \*154 *Phonology and Morphology of the Latin.* 2 hrs.  
Phelps Hall.

Assistant Professor OERTEL.

A resumé of the chief results of the modern comparative treatment of Latin sounds and inflections. Lindsay's *Latin Language*, 1894, should be in the hands of the students and considerable collateral reading in Brugmann's *Griechische Grammatik* (in Iwan Mueller's *Handbuch*, vol. i, part 1, 1890, second ed.), V. Henry's *Short Comparative Grammar of Greek and Latin* (Engl. transl., Macmillan), and Bechtel's *Hauptprobleme der indogermanischen Lautlehre*, 1892, will be required. Some knowledge of Sanskrit is very desirable.

- \*155 *The Italic Dialects.* 1 hr.  
Phelps Hall.

Assistant Professor OERTEL.

After a brief survey of the peoples and languages of ancient Italy, the Oscan and Umbrian inscriptions will be read and interpreted, together with a systematic exposition of the Phonology and Morphology of the Italic dialects.

- \*156 *The Italic Dialects (2d year).* 1 hr.  
Phelps Hall.

Assistant Professor OERTEL.

A continuation of the foregoing.

- 157 *Cicero and the Younger Pliny: Select Letters.* 2 hrs.  
Tuesdays and Fridays, 9.30, 13 (1st half-year) and 19 (2d half-year) Phelps Hall.

Messrs. BANCROFT and INGERSOLL.

After considering briefly the place of the epistle in literature, and particularly the various kinds of epistle that are found in Latin literature, selections from the correspondence of Cicero and that of the younger Pliny will be read, with particular attention to the life and character of the writers, and to various phases of Roman life and character in general, as they are revealed or suggested in these letters. The course will be about equally divided between Cicero and Pliny. During the first half-year the letters of Cicero will be read, with Dr. Ingersoll; during the second half-year the letters of Pliny, with Mr. Bancroft.

[158 *Latin Literature.*

2 hrs.

Assistant Professor INGERSOLL.

A general survey of the whole field, aiming to trace the rise and subsequent development of the various kinds of prose and verse among the Romans, both as to form and as to subject, and to characterize the several periods of the literature in the light of the changing conditions under which the development took place. Lectures, illustrative readings, and direction of the student's private reading. Designed especially for those who wish to take their bearings in preparation for special work in this department, and for those who, while their chief interest lies in other departments of study, desire to get a general notion of the range and leading characteristics of a literature in which their previous reading has been more or less desultory.]

Omitted in 1898-99.

159 *Latin Composition.*

1 hr.

Tuesdays, 3.00, 12 Phelps Hall.

Dr. A. L. WHEELER.

The course is intended chiefly for those who expect to teach.

Preparation of written exercises based largely on some classical prose writer. These exercises will be read and criticized in class and will be supplemented by occasional lectures on topics connected with Latin style, such as word-order, synonyms, etc.

160 *Latin Elegy.*

2 hrs.

Mondays and Fridays, 2.00, 12 Phelps Hall.

Dr. A. L. WHEELER.

This course aims to trace historically the development of elegy in Latin. Selections from Tibullus, Propertius, and Ovid will be read, supplemented by occasional lectures. Some outside (English) reading will be required.

161 *Roman History from Tiberius to Trajan.*

2 hrs.

Dr. INGHAM.

An examination of the sources for the history of the period. Selections from Dio Cassius, Tacitus, Suetonius, Plutarch, Pliny, and Josephus will be read.



COURSES IN SANSKRIT, LINGUISTICS, AND COMPARATIVE  
PHILOLOGY

\*162 *Elementary Sanskrit.* 2 hrs.

Tuesdays and Thursdays, 3.00, 21 Phelps Hall.

Professor HOPKINS.

Instruction in Sanskrit, beginning with Whitney's *Sanskrit Grammar*, and passing on to Lanman's *Reader*. Exercises in composition.

[163 *Introduction to Comparative Syntax.* 1 hr.

Professor HOPKINS.

This course is complementary to course 155, but a knowledge of Sanskrit is not necessary, and it may be taken by any classical student.]

Omitted in 1898-1899.

\*164 *Linguistics.* 2 hrs.

Phelps Hall.

Assistant Professor OERTEL.

A discussion of the general principles and chief problems of linguistic science, such as sound-change, the causes of change of meaning, the fundamental facts of syntax, the relation of grammar to logic, the origin of language, the relation of linguistics to ethnology, etc. H. Paul's *Principles of the History of Language* (English translation, Macmillan) is used as a text-book, and the separate topics are critically examined. The course will be largely conducted by lectures, but will require some outside reading and occasionally the preparation of abstracts of articles, etc. The course is intended as a general introduction to the Science of Language, and no knowledge of Sanskrit is necessary for it.

VI. BIBLICAL LITERATURE

170 *Hebrew (elementary course).* 2 hrs.

Mondays and Fridays, 3.00, 175 Lyc.

Dr. CREELMAN.

A study of the elements of the Hebrew language in connection with the reading of Genesis i-viii and of selected passages of easy Hebrew.

- 171 *Hebrew (advanced course)* 2 hrs.

Tuesdays and Thursdays, 3.00, 175 Lyc.

Dr. DUNNING.

A course which continues course 170 and carries the student as far as the first year of Hebrew in a theological seminary. It will include a thorough review of the grammar, and the careful reading of the books of Samuel and of portions of the Minor prophets.

- 172 *Hebrew Poetical Literature.* 1 hr.

Wednesdays, 10.30, 184 Lyc.

Professor SANDERS.

A graduate course to which Seniors who have shown especial proficiency in elementary Hebrew may be admitted. A survey of the entire field of Hebrew poetry with emphasis upon the relation of form to interpretation, accompanied by lectures on Semitic poetry.

- 173 *Sight-reading in Hebrew.* 1 hr.

Wednesdays, 4.00 to 6.00, 175 Lyc.

Dr. DUNNING.

A graduate course, to which Seniors may be admitted who have already taken course 170. The class reads at least two hours each week, but they may be counted as the equivalent of one hour only. Special attention is paid to the acquisition of a working vocabulary.

- 175 *Arabic (elementary course).* 2 hrs.

Dr. CREELMAN.

During the first term the principles of the language are mastered in connection with the careful study of the Arabic version of *Genesis i-iii*. From Christmas until Easter the class reads in easy Arabic. After Easter selected *Suras of the Qur'an* are carefully read. In connection with these, lectures are given by the instructor on early Arabian civilization, Arabic literature, the structure and general contents of the *Qur'an*, and the history of Islam.

This course affords a thorough introduction to classical Arabic. It is valuable to one interested in thorough Semitic study or to one interested in Comparative Religion, and is only moderately difficult for one who has already studied Hebrew.

176 *Assyrian (elementary course).*

2 hrs.

Dr. CREELMAN.

The year's work includes the mastery of the more common cuneiform signs, the principles of the language, the rapid reading of much transliterated material, the careful reading of selected portions of the texts of Tiglathpileser, Shalmaneser, and Sennacherib in the cuneiform, some copying from tablets, and lectures on Assyrian history and literature, especially in their bearing on Biblical questions.

180 *Biblical Literature (Pre-exilic).*

2 hrs.

Wednesdays and Saturdays, 9.30, 184 Lyc.

Professor SANDERS.

A constructive survey of the Old Testament as history and literature to the Babylonian exile, 586 B. C., each book being considered, as far as possible, in its appropriate chronological connection. The history of the Hebrew people is treated both as an integral part of Western Asiatic history and as a history of religious development. The course aims to promote (1) a thorough but general familiarity with the contents of the English Old Testament, (2) a realization of the significance of Hebrew history, (3) an appreciation of the Bible as a noble literature and (4) an intelligent attitude towards many problems raised by Biblical criticism. Nearly two-thirds of the Old Testament is covered in the course of the year.

181 *Biblical Literature (Post-exilic).*

2 hrs.

Tuesdays and Fridays, 10.30, 184 Lyc.

Professor SANDERS.

A survey of Biblical history and literature from the period of the exile, 586 B. C., to the close of the first Christian century, including the books of the Old Testament not considered in course 180, some apocryphal literature, and the whole of the New Testament. This course is complete in itself, while, with course 180, it covers the whole Bible, and the whole range of Asiatic history down to the Roman domination, as far as it relates to Biblical history.

Students in both courses have access to a carefully selected reference library and to much illustrative material.

182 *Messianic Prophecy (English).* 1 hr.

Wednesdays, 2.00, 175 Lyc.

Dr. CREELMAN.

A survey of the Messianic passages in the Old Testament, so far as to show the historical development of the conception and the various forms in which it was embodied.

[183 *The Minor Prophets (English).* 1 hr.

Dr. CREELMAN.

A detailed study of each of the twelve Minor Prophets taken in chronological order, in connection with the survey of the general subject of Prophecy.]

Omitted in 1898-99, but will probably be given in 1899-1900.

184 *Biblical Geography and Archaeology.* 1 hr.

Tuesdays, 2.00, 175 Lyc.

Dr. DUNNING.

A study of the historical geography of Palestine, attention being called to the assured results of recent exploration. The latter part of the year is devoted to an historical and comparative study of Biblical archaeology.

[185 *Old Testament Wisdom-Literature (English).* 1 hr.

Dr. DUNNING.

A study of the books of Job, Ecclesiastes, Proverbs, and the Song of Songs, in connection with a survey of the character, development, and leading points of Hebrew speculative thought.]

Omitted in 1898-99.

186 *Studies in the Gospels (English).* 1 hr.

Fridays, 2.00, 175 Lyc.

Dr. CREELMAN.

A study for the first half-year of the Gospels as books, noting their form, contents and characteristics. During the second half-year the non-Pauline epistles will be studied.

[187 *The Pauline Epistles (English).* 1 hr.

Dr. CREELMAN.

A detailed study of each of the epistles of Paul taken in chronological order.]

Omitted in 1898-99.

## VII. THE FINE ARTS

A course of lectures, during the second term, Tuesdays at 4.00, by Professor Hoppin, will treat of Early Italian Painting, and of modern schools of art as illustrated by individual painters such as Velasquez, Gérôme, and Burne-Jones.

190a *Drawing.* [Juniors.] 2 hrs.

Tuesdays and Thursdays, 2.00-3.50, Art School.

Professor NIEMEYER.

This course consists of two exercises a week, of two hours each, in drawing from the antique and from life, and also in sketching from nature out of doors. Exercises in original composition are required from time to time. It is the aim of this course to teach the fundamental principles of Art, and to make the student familiar with the use of pen and pencil.

The work in drawing is supplemented by lectures in Linear Perspective and the analysis of the muscular movements of the human body as expressed in the external forms.

To those who are interested in Art only as part of a liberal education, as well as to those who wish to make Art in any form a profession, this course is equally adapted. Each student's work and progress is independent of every other's in the class. Work done outside of the class-room is encouraged and carefully considered when brought for criticism.

*No previous knowledge of drawing is necessary to enter this or the following course.*

190b *Architecture.* [Juniors.] 2 hrs.

Tuesdays and Thursdays, 2.00-3.50, Art School.

Professor NIEMEYER.

This course is adapted to students who wish to prepare themselves to enter a school of architecture or an architect's office.

It consists in part of the work done in course 190a, to which is added the study of architectural models and historical decorations.

191 *Painting.*

[Seniors.] 2 hrs.

Mondays and Fridays, 2.00-3.50, Art School.

Professor WEIR.

This course consists of two exercises a week, of two hours each, and is open only to those who have taken course 190 in their Junior year. The course consists principally of studies in Water-Color Painting, and includes lectures on the Grammar of Art, on Painting, Sculpture, and Architecture, technically considered, with a critical account of the various Schools and their representative Masters. The lectures are fully illustrated by the use of the hydro-oxygen lantern.

192 *Modeling.*

[Seniors.] 2 hrs.

Tuesdays and Thursdays, 2.00-3.50, Art School.

Professor WEIR.

Two exercises a week, of two hours each. This course is open only to those who have taken course 190 in their Junior year. The course consists in modeling from the antique and from the living figure, and is supplemented by the lectures given in course 191.

## VIII. PHYSICAL AND NATURAL SCIENCE

## COURSES IN PHYSICS

200 *Physics.*

3 hrs.

Mondays, Wednesdays, and Fridays, at 9.30, Sloane Physical Laboratory.

Professor DANA.

A general course, taking up first the properties of Liquids and Gases, then the subjects of Heat, Sound, Light, and Electricity; with class-room illustrations. Open to those who have not already done similar work in Junior or Sophomore year. The course is conducted in connection with the Sophomore Physics. It must be taken by all who desire to go on later with the courses in Laboratory Physics (202, 203).

**\*202 Physics.**

4 hrs., to count as 2 hrs.

- |   |                      |
|---|----------------------|
| I, Mondays and Thursdays, 9.30-11.20, } | Sloane               |
| II, Tuesdays and Fridays, 9.30-11.20, } | Physical Laboratory. |

**Professor A. W. WRIGHT.**

Two exercises each week, chiefly practical work in the Sloane Physical Laboratory, with measurements, especially in heat, light, and electricity, each exercise occupying two hours. As introductory to the laboratory practice, the exercises during a portion of the first term consist of recitations or discussions upon the theory and methods of physical measurements, the use of instruments, and other special topics. Laboratory facilities are also freely accorded to students of the course at other times than those of the stated exercises.

The successful prosecution of this course requires practical facility in the application of the Physics and Mathematics of the previous years, the lack of which may be made a reason for exclusion from the course.

**203 Physics.**

[Seniors.] 3 hrs., to count as 2 hrs.

Wednesdays, 10.30-12.20, and Thursdays, 11.30, Sloane Physical Laboratory.

**Professor A. W. WRIGHT.**

A more advanced course of laboratory work in Physics, in continuation of course 202, and open only to those who have already pursued that course.

This course will consist of one laboratory exercise of two hours each week on Wednesdays, and one exercise of one hour each week on Thursdays. The latter will be in the nature of a recitation, discussion, or conference, with the use of some text-books, and will involve the theoretical study of special points of Physics in detail.

The course includes practical problems in physical experimentation of more elaborate character, and worked out with greater detail. Those students who make sufficient advance will be encouraged to undertake original investigations, in which they will receive necessary assistance and guidance, and will have free use of the resources of the Sloane Physical Laboratory.

## COURSES IN CHEMISTRY

210 *Experimental Inorganic Chemistry.*

6 hrs., to count as 3 hrs.

I, Mondays and Fridays, 2.00-3.50,	} Kent Chemical Laboratory.
II, Tuesdays and Thursdays, 2.00-3.50,	
III, Tuesdays and Fridays, 9.30-11.20,	
I, II, III, Wednesdays, 3.00-4.50,	

## Professor GOOCH and Assistant Professor BROWNING.

Practical laboratory work, lectures, and written exercises. An introduction to elementary chemical theory, the use of symbols and equations, and the descriptive study of the elements and their compounds. While elementary and fundamental in character, this course is probably sufficient for the needs of those who desire merely a very general knowledge of the facts and methods of chemistry. It is a prerequisite to the other courses in Chemistry, and to the course in Biology (241).

211 *Qualitative Chemical Analysis.* 5 hrs., to count as 3 hrs.

Mondays and Thursdays, 9.30-11.30, Wednesdays, 10.30-11.20, Kent Chemical Laboratory.

## Assistant Professor BROWNING.

Laboratory practice in the ordinary processes of qualitative analysis, with lectures. This course is of special importance to those who intend to study medicine, engineering, or the technical professions in general, or who desire to teach elementary science. It is open to those who have completed course 210.

212 *Elementary Organic Chemistry.* 4 hrs., to count as 2 hrs.

Tuesdays, 10.30-11.20, and Fridays, 9.30-12.20, Kent Chemical Laboratory.

## Professor GOOCH.

An introduction to the study of the compounds of carbon. Laboratory work with lectures. This course is a desirable adjunct to courses 210 and 211 for those who purpose to become students of medicine or of applied chemistry, or who have a special interest in chemistry. It is open only to those who have completed course 210.



- 213 *Quantitative Chemical Analysis.* 6 hrs., to count as 3 hrs.  
Tuesdays and Thursdays, 2.00-4.50, Kent Chemical  
Laboratory.

Professor GOOCH.

Laboratory practice in the use of the simpler methods of gravimetric and volumetric quantitative analysis. This course is intended chiefly for those who wish to study exact methods of manipulation and treatment with a view to the application of analysis to scientific or practical ends. It is open to those who, having completed course 210, have either taken course 211 previously or propose to take it at the same time.

- [\*214 *Chemical Theory.* 1 hr.

Professor GOOCH.

This course is primarily a course for graduates, but it is also open by permission to undergraduates who specialize in chemistry. It is devoted to the study and discussion of the general principles and theories of chemistry. There is no laboratory work, and therefore no fee is charged.]

This course is given in alternate years. Omitted in 1898-99.

#### COURSES IN GEOLOGY AND MINERALOGY

- 220 *Geology.* 2 hrs.

Mondays and Thursdays, 9.30, 5 M.

Professor H. S. WILLIAMS.

A course of lectures on the general principles of the science of geology. Historical geology will be studied chiefly from a geological standpoint; the special study of the relation of organisms to geology will be considered in the following course. Those students who wish to gain a thorough knowledge of both aspects of the science are recommended to elect this course in Junior year, following it with course 222 in Senior year. The lectures will be supplemented by the use of a text-book.

- \*222 *Geological Biology.* [Seniors.] 2 hrs.

Mondays and Fridays, 5.00, 5 M.

Professor H. S. WILLIAMS.

In this course historical geology will be studied from the biological point of view. Instead of following the ordinary method of

treatment of historical geology, organisms will be the chief objects of study, and their nature, succession, relations to environment, ancestry, and time, and the principles of organic evolution in its geological aspects, will be examined. Those wishing to make a more practical study of the subject may elect two hours additional for laboratory work. Instruction will be given by lectures, reading, and preparation of essays.

- \*225 *Mineralogy and Crystallography.* [Seniors.] 2 hrs.  
to count as 1 hr.

Saturdays, 9.30-11.20, 5 M.

Professor DANA.

Practical study of mineral species by means of blowpipe analysis and other methods; also, mathematical study of the forms of crystals. Additional opportunity will be given to those desiring it to gain facility in the determination of minerals.

#### COURSES IN PHYSICAL GEOGRAPHY AND BOTANY

- 235 *Physical Geography and Botany.* [Juniors.] 3 hrs.

First half-year: *Physical Geography.*

Tuesdays, Wednesdays, and Thursdays, 5.00, 37 North Sheffield Hall.

Mr. GREGORY.

A general course treating of the elements of Physiography, with special attention to the relations of the conditions of the earth's surface to mankind and the distribution of species.

Second half-year: *Botany.*

Tuesdays and Thursdays, 2.00-4.00; Wednesdays, 2.00, 18 Sheffield Hall.

Dr. EVANS.

An elementary course in the botany of flowering plants. Laboratory work and recitations. During the first eight weeks the various parts of a plant, such as seeds, stems, buds, etc., are examined and discussed, and this work is followed by a study of the ordinary native plants of the vicinity.

- \*237 *General Morphology of Plants.* [Seniors.] 4 hrs.,  
to count as 2 hrs.

Wednesdays and Fridays, 3.00-5.00, 18 S. H.

Dr. EVANS.

Laboratory work and informal lectures. Beginning with the simplest forms, the various groups of plants are taken up in suitable types, and their structure, development, and mode of life studied and compared. The course is limited to those who can show a satisfactory knowledge of the botany of flowering plants.

#### COURSES IN BIOLOGY

- 240 *Physiology.* [Juniors.] 1 hr.

Wednesdays, 2.00, B. L.

Professor CHITTENDEN.

Huxley's *Lessons in Elementary Physiology*, with occasional lectures and illustrative experiments. This course is limited to those who take course 210, and is designed as a preparation for courses 241a and b of Senior year, and is open only to those intending to take these courses.

- 241 *Elementary Anatomy, General Biology, and Physiological Chemistry.* [Seniors.] 4 hrs.

Mondays and Fridays, 2.00-3.50; Tuesdays and Thursdays, 3.00-4.50, B. L.

This course is open only to those who have taken courses 210 and 240 in Junior year.

First term: *Elementary Anatomy and General Biology.*

Professor S. I. SMITH.

Four exercises a week, of a minimum of two hours each. Laboratory work and informal lectures. The time is devoted principally to dissections of the frog, and work with the microscope on the lower plants and animals and in vertebrate histology, with special reference to the rudiments of biology and the elements of the morphology of animal tissues. The student is required to make microscopical preparations, keep careful records of his work, and pass frequent examinations.

Second term : *Physiological Chemistry.*

**Professor CHITTENDEN.**

Four exercises a week, of a minimum of two hours each, in the laboratory of physiological chemistry. The time is devoted mainly to a study of the chemistry of the connective, contractile, and nervous tissues, of the chemical processes of salivary, gastric, and pancreatic digestions, and so far as the time allows, of other subjects connected with the physiology of nutrition and the chemistry of the excretions.

A short course of lectures by Professor Smith on Embryology, and a somewhat longer one by Professor Chittenden on Experimental Toxicology (Tuesdays, Thursdays, and Saturdays, 8.10 A. M.), are also open to students in the above course.

A laboratory fee is charged for course 241. The student in addition must bear the expense of gas, flasks, etc., which should not exceed ten dollars.

**243 *Anatomy.***

[Seniors] 2 hrs.

Wednesdays, 11.30, and Saturdays, 9.30, Medical School.

**Professor FERRIS.**

A general course in Human Anatomy adapted to the demands of students in biology.

**IX. MATHEMATICS**

**250 *Calculus.***

2 hrs.

Tuesdays and Fridays, 9.30, B Alumni Hall.

**Dr. WESTLUND.**

The object of this course is to exercise the student in the *kind* of Mathematics which he will find most useful in the subjects of Physics and Engineering, while especial pains will be taken to establish carefully the fundamental notions of continuity and of limiting values. Lamb's *Infinitesimal Calculus* will be used as a text-book.

Open to those who have already taken the course in *Differential and Integral Calculus* of Sophomore year.

**[251 *Analytical Geometry.***

2 hrs.

Tuesdays and Fridays, 10.30.

**Dr. WESTLUND.**

This course is intended as an introduction to modern ideas on the subject. Beginning with elementary notions in determi-

nants, numerous applications to geometry will be discussed. Then the idea of coördinate will be generalized, leading to line coördinates and the principle of duality. The last mentioned fundamental notion will be held constantly in mind throughout the course. Next will be developed the elements of analytical projective geometry, in which pencils of lines, ranges of points, anharmonic ratios, and their treatment by homogeneous coördinates will be discussed. The latter will then be extended to two dimensional configurations, and the abridged notation will be introduced with numerous examples. Next the idea of invariant in connection with group of transformations will be introduced, with a careful discussion of the case for one and two variables; special care will be devoted to this part of the course. The remainder of the year will be devoted to analytical geometry of three dimensions.]

This course is omitted in 1898-99.

## 252 *Mechanics.*

Mondays and Thursdays, 10.30, E. O.

Dr. STRONG.

The fundamental properties of motion, force, work, and energy, with especial attention to the subjects of kinematics, free and constrained motion, and the kinetics of a rigid body, and to the practical applications of Mechanics to Physics and Engineering.

Graphical methods will be combined, as far as possible, with the analytical.

Open to those who have studied elementary Calculus. Text-book, Ziwet's *Mechanics*.

## 253 *Algebra.*

2 hrs.

Tuesdays and Fridays, 9.30, A Alumni Hall.

Mr. HAWKES.

Instruction will be given mainly by lectures, which will follow the lines laid down by the more modern writers on the subject. Many examples illustrating the principles covered, will be solved. No greater knowledge of algebra is presupposed than is required for entrance to college.

## 255 *Vector Analysis.*

[Seniors.] 2 hrs.

Mondays and Thursdays, 3.00, Sloane Physical Laboratory.

Professor GIBBS.

First term:

Elementary course, in which the simpler problems of geometry, kinematics, and mechanics are treated by vector methods. The

matter taught is not entirely unlike that usually given in courses in Quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's.

Second term:

Advanced course, including differentiation with respect to position in space, the theory of the potential and allied functions, and that of linear vector functions. This course is especially designed for an introduction to the study of mathematical physics, and is open only to those who have taken the preceding.

256 *Introduction to Higher Analysis.* [Seniors.] 3 hrs.

Mondays, Thursdays, and Fridays, 5.00, E Alumni Hall.

Professor PIERPONT.

The subjects treated in this course, while intended as a preparation for advanced work in analysis, will be very serviceable to students of physics, astronomy, mechanics, etc. The following topics will be taken up: arithmetical theory of complex numbers; substitution groups and their application to the solution of equations; determinants; infinite series and products; certain fundamental portions of the theory of functions of real and complex variables.

\*257 *Descriptive Geometry (elementary course).* 3 hrs.  
to count as 2 hrs.

I, Mondays and Thursdays, 4.30-6.00.

II, Tuesdays and Fridays, 4.30-6.00.

III, Mondays and Thursdays, 2.00-3.30.

Course 257 includes the principles of Orthographic Projection, the intersection and the development of surfaces. Open only to a limited number of those who have studied the Mathematics of Sophomore year.

\*258 *Applied Descriptive Geometry.* 4 hrs.

I, Tues., Thurs., Sat., 8.30-10.30, Wed., 11.00-1.00.

II, Tues., Thurs., Fri., Sat., 11.00-1.00.

III, Mon., Wed., 8.30-10.30, Tues., 9.15-10.15.

Course 258 is a continuation of the work in course 257 and is open only to a limited number of those who have taken that course.

**260a Descriptive Astronomy.** 3 hrs., 1st half-year.

Mondays, Wednesdays, Thursdays, 10.30, A. O.

**Professor BEEBE.**

Intended principally for the study of topics connected with the historical and physical side of astronomy. Only so much mathematical work is introduced as is essential to an understanding of such topics. Text-book: Young's *Elements of Astronomy*.

Opportunity will be given for study of constellations and observation with the telescope.

The only courses in the second half-year open to those who choose course 260a are Surveying (260b) and Botany (235b).

**260b Surveying.** 3 hrs., 2d half-year.

Wednesdays 10.30, Mondays and Fridays, 2.00, A. O.

**Professor BEEBE.**

One or sometimes two hours per week are given to recitations. The other exercises are in field- or office-work during the afternoons, each exercise occupying not less than two hours.

**Field-Work:** The ordinary operations of land-surveying, leveling, and elementary topography, involving the use of the chain, compass, surveyor's level, transit and plane table.

**Office-Work:** Plotting surveys from the field notes; determination of areas from the map and by numerical calculation; map-drawing, plane and topographical; examination of instrumental errors.

Text-book: Johnson's *Surveying*.

**262 Practical Astronomy.** 2 hrs.

Tuesdays and Fridays, 10.30.

**Professor BEEBE.**

This course is open only to those who have taken course 260. It consists of observatory work with astronomical transit and chronograph for determination of sidereal and standard time, and with sextant and theodolite for determination of latitude and azimuth, numerical computations for reduction of observations. derivation of formulae, and recitations from Loomis's *Practical Astronomy*.

## X. MUSIC

270 *Harmony.*

2 hrs.

Tuesdays and Thursdays, 4.00, 3 Tr.

**Professor PARKER.**

The study of chords, their construction, relations, and progressions.

The course covers the following subjects :

Intervals,—the measurements of distance from one tone to another ; Triads of the major and minor scales, and their inversions ; Seventh chords, primary and secondary, with their inversions ; and resolutions ; Modulations ; Chromatically altered notes ; Suspensions ; Organ point ; Passing and changing notes ; Harmonization of a given melody ; Harmony in two, three, and five parts ; Simple instrumental accompaniments.

The work is principally the writing of exercises from figured basses. The exercises will be corrected in the class-room with explanations and illustrations.

Jadassohn's *Harmony* (Breitkopf & Härtel, New York and Leipsic) is used as text-book.

271 *Counterpoint.*

2 hrs.

Tuesdays and Thursdays, 3.00, 3 Tr.

**Professor PARKER.**

A thorough knowledge of Harmony is required of students in this course.

The work is the harmonizing and supplying melodious additional voices to choral and other melodies used as *Canti Firmi*.

The different orders of Counterpoint in two, three, and four voices : also double counterpoint, and more or less free imitative writing.

Students in this course are encouraged to try the simpler forms of free composition. No text-book is used.

272 *Strict Composition.*

2 hrs.

Tuesdays and Thursdays, 2.00, 3 Tr.

**Professor PARKER.**

The more severe kinds of composition form the basis of work in this course.

Harmony in Five and more parts ; Threefold and Fourfold Counterpoint ; Four- and three-part Fugues for voices or for instruments ; Canons of various kinds, with or without accom-



paniment of free voices ; Free treatment of different kinds of thematic material. This course is preparatory to course 275. No text-book is used.

**273 *The History of Music.***

1 hr.

Wednesdays, 5.00, 3 Tr.

**Professor PARKER.**

Lectures on the development of music from its earliest stages. History of Church music from the time of Gregory ; History of Opera and Oratorio ; Biographical sketches of famous composers, with description and analysis of their principal works ; History of purely instrumental music, showing the growth and development of musical forms up to their culmination in Beethoven.

Practical illustrations of the lectures on musical form are given in the class-room.

**274 *Instrumentation.***

2 hrs.

Wednesdays and Fridays, 3.00, 3 Tr.

**Professor PARKER.**

This course is open only to students who have done the work of courses 270 and 271, and it is strongly recommended that course 272 also should precede it.

Lectures are given on the nature, compass, tone-color, and other characteristics of all the instruments of the modern orchestra, with written illustrations of their use by great composers.

Exercises in the practical orchestration of short pieces from the works of classic and modern composers, in analyzing, reading and playing from orchestral scores, beginning with Haydn and Mozart Symphonies and embracing modern works of various kinds.

**275 *Free Composition.***

2 hrs.

Wednesdays and Fridays, 2.00, 3 Tr.

**Professor PARKER.**

This course is intended primarily for graduates, and is open only to students who have done the work of courses 270, 271, 272, and 274, and who have shown unmistakable talent for original composition. Several of the smaller forms of free instrumental and vocal music are composed by the students, and studies are made for larger compositions which are finished in case the thematic material offered is of sufficient merit.

At the close of the year the student will be required to produce an extended work, probably in sonata form.

276 *Practical Music.*

Professor SANFORD.

Instruction is given in Piano-, Organ-, and Violin-playing to a limited number of students. Fees range from \$50.00 to \$150.00 for the college year.

## XI. PHYSICAL EDUCATION

280 *Physiology and Gymnastics.*

2 hrs.

Dr. SEAVER and Dr. ANDERSON.

This course is designed for those who intend to teach gymnastics or to direct departments of physical education in institutions of learning. The work comes under two general branches as follows:

1 *Physiology.*

Thursdays, 7.00 P. M., University Gymnasium.

This work consists of one recitation or lecture a week with Dr. Seaver, during the year. The first term is devoted to elementary physiology. The second term is devoted to human physiology; special attention being given to a study of the circulation, respiration, digestion, and excretion. The hygienic importance of these topics is carefully studied. The third term is given to a study of sanitary science. Collateral reading will be required during the third term.

2. *Principles and Practice of Gymnastics.*

Mondays and Thursdays, 11.30 A. M., University Gymnasium.

Under this head will be discussed by Dr. Anderson (a) the scientific basis of physical training; (b) history of gymnastics and growth of the various systems; (c) means employed, such as apparatus and appliances; (d) physical examinations and measurements; (e) pedagogy of gymnastics. Required textbook, Anderson's *Gymnastic Terminology and Methods of Teaching Gymnastics*.

Members of the class will be called upon to arrange exercises for other classes, to classify movements for overcoming common physical defects, and to do practice work in teaching gymnastics.

## XII. MILITARY SCIENCE

290 *Military Science.* [Seniors.] 1 hr.

Mondays, 4.00 (second term, Mondays and Tuesdays, 4.00), B. O.

Professor MURRAY.

First term: One lecture a week on the following subjects; Organization of armies; Discipline; Administration; Logistics; Marches; Advanced and Rear Guards; Outposts, Patrols; Artillery, Cavalry, Infantry; Strategy; Field Engineering; The Battle. A written examination is held at the end of the first term, to cover the subjects lectured upon.

Second term: A drill of two hours per week in the school of the soldier and company.

In addition to the above, a thesis upon some military topic is required to be submitted to the Professor of Military Science by each student who elects the course.

The following statements are added to explain the general aim and scope of the instruction in some of the leading subjects of study.

GREEK—During the first two years, the student reads five or six books of Homer, dramas of Aeschylus, Sophocles, and Euripides, one or two comedies of Aristophanes, selections from the history of Herodotus, one or more orations of Demosthenes, Isocrates, or Lysias, the Apology or some dialogue of Plato; occasionally, the *Symposium* of Xenophon or selected dialogues of Lucian. These works are selected with a view to making the student familiar with the leading branches of Greek literature, and the most interesting phases of Greek life and thought. The most important grammatical principles are reviewed in Freshman year; in Sophomore year, grammatical questions are discussed rarely, except as they are necessary for the interpretation and illustration of the author's meaning. In reading the works of the poets, less attention is paid to linguistic and grammatical points than to their literary quality, to the structure of the poems, to poetic words, forms, arrangement of words, rhythm, and constructions; but the growth and development of the language are discussed as well as the development of the literature. In reading the orators and historians, the connection of thought and of events is made prominent. Greek prose composition is practiced so far only as to aid the student in reading Greek authors, and to quicken his perception of nice distinctions in the order and choice of words and construction.

In the optional courses of the Junior and Senior years, the student has the opportunity of reading the works of the lyric poets, other Greek dramas, and other dialogues of Plato, parts of Aristotle (his *Politics* and *Ethics*), and the *Idyls* of Theocritus ; as well as of studying Greek inscriptions, and of doing more critical work on the Homeric poems than is suited to the first College year ; also of learning the Modern Greek language. The history of Greek philosophy is studied. Students may also attend Professor Hoppin's fully illustrated lectures on Greek art, in the Art School.

LATIN is continued as a required study till the close of the Sophomore year, when it is intended that the student shall have gained clear conceptions of the genius of the language and its relations to other ancient and to modern tongues, a good knowledge of the characteristics of Latin literature and the essential facts of Roman history, and some appreciation of the position of Rome in the history of civilization. That subsequent reading of the language may be more easy and more exact, due attention is given in the early part of the course to forms, constructions, and idioms. From term to term the study of the literature is made more prominent, and particular texts are treated as means for the study of the public and private life of the Romans. Instruction is given mainly by recitations, but such work is supplemented by occasional lectures by the instructors and by conferences on papers presented by the pupils. In connection with the minute study of the authors, considerable time is given to oral and written reading at sight, and to composition in Latin.

For Juniors and Seniors who desire to continue their Latin studies, parallel courses are offered by different instructors, with different ends in view and by different methods. The characteristic of a course may be, *e. g.*, literature, or history, or philology, or antiquities, or the speaking and writing of Latin ; and the methods of preparation and the class-room treatment vary accordingly. Topics suggested by the nature of the courses, or by individual tastes and intentions, are assigned to students, and papers thus prepared are discussed before the class. Lectures and the rapid reading of large amounts of texts are more frequent than in the prescribed courses. The connection of Latin with English is emphasized, and written translations are from time to time required and criticized with reference both to their faithful reproduction of the Latin thought and their idiomatic English. German annotated editions are often used, not only for their intrinsic helpfulness, but also to encourage the practical use of that language. Students who give evidence of unusual capacity and attainments may be admitted to membership of graduate classes.

**MATHEMATICS**—In Geometry the exercises consist in recitations from the text-book, the original demonstration of theorems, and applications of the principles to the solution of numerical problems.

After the student has gained facility in the use of trigonometrical tables, the principles of Plane Trigonometry are applied to the problems of Mensuration, Surveying, and Navigation, and likewise those of Spherical Trigonometry to the elementary problems relating to the celestial sphere.

In Mechanics, the elementary principles of Kinematics, Kinetics, and Statics, in reference to solid bodies, are presented with practical applications.

In Algebra the elementary principles of the theory of equations are illustrated graphically, and the student is exercised in the numerical solution of equations of the higher degrees and the graphical representation of the relations of quantities.

In Analytical Geometry the student is carried through the elementary properties of the lines and surfaces of the second degree, and is introduced to the theory of map-projection.

In the Junior and Senior years opportunity is given in the elective courses to obtain a wider knowledge of Algebra, and also of Analytical Geometry and Trigonometry with their applications to Navigation, Geodesy, and Astronomy. A course is provided in Junior year in Differential and Integral Calculus, designed for such as expect to make a serious study of any department of pure or applied mathematics.

There is also a course in Descriptive Geometry which includes the fundamental principles of orthographic projection, shades and shadows, and linear perspective. This course is open to those who have taken the mathematics of Sophomore year.

In Senior year advanced subjects in the Calculus and the elements of Analytical Mechanics form one line of study.

A course introductory to General Analysis forms another line. This is intended as a preparation for courses in the Theory of Functions, and other advanced work in Analysis.

An elementary and an advanced course are provided in what is called Vector Analysis. The object of these courses is to introduce the student to the methods of multiple algebra in geometry, mechanics, and physics. The matter taught is not entirely unlike that usually given in courses in Quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's. The elementary course is confined to the simplest algebraic relations of vectors. The advanced course includes differentiations with respect to position in space, and the theory of linear vector functions.

Students who show special aptitude are exercised in the working up of subjects which require the use of the library and more prolonged investigation than the daily exercises of the class-room. Such work begins in Freshman year. There is a considerable collection of models which are used to assist the imagination in the various branches of study.

ENGLISH—The required study of English literature occupies three hours a week through one-third of Freshman year. This work has as its object to cultivate in the student, at the outset of his course, the habit of careful, critical reading of the best English literature; the attainment of this end is sought through class-room discussion of six representative plays of Shakespeare, attention being paid to close interpretation of the text, development of plot, analysis of character, and general aesthetic criticism.

In Sophomore year the following authors are read: Spenser, Shakespeare, Milton, Addison, Swift, Pope, and Gray. The literary history of England in the sixteenth, seventeenth, and eighteenth centuries is also studied, chiefly with reference to the interpretation of these authors and to the criticism, both historical and aesthetic, of the works read by the class. The Sophomore course in rhetoric aims at a general training in fundamental principles, and a special training in exposition. The weekly recitations and lectures are auxiliary to the individual instruction given in conference on frequent essays.

The DeForest, Townsend, TenEyck, Betts, and McLaughlin prizes (pp. 137-39) are under the superintendence of the Instructor in Rhetoric, and are intended as a stimulus to sound and creditable work in composition. For the present year a prize in poetry, of the value of fifty dollars, is offered to the University by Professor Cook.

The strictly elective work in English (the Sophomores elect five out of six subjects) follows six different, though related, lines. Instruction is offered in the earlier stages of the language, with reference as well to the reading of the older literature as to linguistic discipline; in the history of the language; in rhetoric; in theories of metrical translation; in the evolution of a literary form (the English lyric); and in the study of various periods, classes of writers, and individual authors.

The course in Old and Middle English is intended to impart the elementary knowledge essential to the reading of pre-Chaucerian authors as well as to the fuller understanding of Chaucer himself, and to give the student a sense of the meaning and value of our earliest literature.

The course in the history of the language aims to convey a clear notion of the operation of linguistic laws as exemplified in the development of the English language, and to introduce the student to the principles of English etymology.

The course in rhetoric is intended to complete the general training of the Sophomore year, and to provide systematic practice and criticism in any prose form.

The course in theories of metrical translation is designed to furnish a practical view of the problems involved in rendering foreign poetry into English verse. A book or two of Homer, several cantos of Dante, and a portion of *Faust*, are examined, in connection with the standard English metrical versions, and with critical matter, such as Matthew Arnold's *Essays on Translating Homer*.

The course in the English lyric is a study in literary evolution. The nature of lyric verse, its origin, its development in substance, and its technique, are carefully considered, and the works of the principal lyric poets from Wyatt to Browning are read and discussed.

The chief periods of English literature, with reference to which instruction is at present provided, are: the Renaissance; the age of Elizabeth; the seventeenth century; and the nineteenth century,—with a separate course in Victorian literature. The chief classes of writers examined are the Elizabethan and the modern dramatists, and the leading American authors. The chief individual authors studied are Chaucer, Shakespeare, Milton, Tennyson, and Browning.

The larger number of the courses in English are intended to be disciplinary, as well as instructive; in other words, they have in view the development of insight and power no less than the imparting of information.

**GERMAN**—The student who has passed the admission examination in German may continue the study of German during each of the four years of his College course, if he so elect; the student who has not passed the admission examination in German may, if he desire, begin the study of German in either Freshman or Sophomore year, and pursue it for four or for three years; no elementary instruction in the language is given to Juniors or Seniors.

The courses of work for the successive years may be outlined as follows. During the first year the work consists of German grammar, translation of easy English phrases, sentences, and connected prose into German, and of easy German prose into English. Constant sight-translation is used as a means for developing and strengthening the student's vocabulary and for freeing him from dependence upon the lexicon and from the word-by-word methods which its use encourages. Especial

care also is devoted to pronunciation. The work of the second year continues and extends that of the first year, taking up the translation of more difficult German prose, both with previous preparation and at sight, the study of word-formation, and the translation of more difficult English prose into German. Throughout the two years the aim in reading German is to cover as much ground as possible—from 500 pages upwards—in the belief that thereby the student will acquire more command of the language than when a smaller amount is read with rigid attention to grammatical details. It is expected that at the end of the second year the student will have adequate preparation for the use of the language in his work in other branches of study. Those, therefore, who are studying German solely with this end in view may perhaps discontinue class-study at this point; but no student should begin the language unless he expects to devote at least two years to its study.

For the remaining years the courses vary from year to year; but opportunity is given for the critical study of works of leading authors, and for the study of periods in the history of German literature. Advanced courses are offered also in earlier German literature and in the historical development of the language.

German readings are given by the instructors, outside of the regular College work, and a course in advanced composition is given, in which German alone is spoken. German is constantly read aloud in the class-room, and efforts are made to improve the student's pronunciation and to help him to acquire some facility in expressing his ideas in German. But it is not a leading aim in the instruction in German to enable the student to converse in that language. Training in the ordinary conversational idiom may be had more profitably elsewhere and cannot form any considerable part of the class-room work. The student may acquire the language as a tool for use in other departments of study, and may come in contact with the best works of German literature, studying their form and contents, and the lives and environment of their authors; fluency in conversation must be acquired where the conditions are more fitted to the object which they are to effect.

**ROMANCE LANGUAGES (FRENCH, ITALIAN, SPANISH)**—The student who has passed the admission examination in French may continue the study of that language during each of the four years of his College course, if he so elect; the student who has not passed the admission examination in French may, if he desire, begin the study of French in either Freshman or Sophomore year and pursue it for four or three years; no elementary instruction in the language is given to Juniors or Seniors.



To the student properly equipped, *i. e.*, who has had two years of French in College, or the equivalent, the following Junior and Senior electives are open from which he may choose according to his special wants with the advice of the department: (a) linguistic courses conducted in French and combining the study of some literary topic with practice in speaking and writing; (b) literary courses, in which the leading writers of one specific period are read and studied; (c) philological courses, for students who intend to teach and, in general, those who wish to study the origin and growth of the language and its earlier literature.

Barring exceptional cases, the study of Spanish and Italian cannot be begun before the Junior year, but if begun then, it can be continued to the end of the college course.

**PHYSICS**—The instruction in Physics is begun in Sophomore year, with a course, extending through the year, of three exercises weekly. This is a general course, conducted by recitations, liberally illustrated by means of apparatus and experiments, and by occasional lectures. The object is to give a broad general view of the subject, to make the student familiar with the fundamental principles of the science, to enable him to understand something of the methods of experiment and reasoning by which physical laws have been established, and to give him an insight into the processes by which accuracy is attained in physical work, and the degree to which it may be carried. The work serves also as the introduction to, and foundation for, the more advanced courses offered in Junior and Senior years, in which the student may pursue lines of work in general and theoretical Physics of a higher grade, or may take up practical work in the Sloane Physical Laboratory, beginning with the course in Junior year, and continuing the work, of a more advanced character, during Senior year, as is described in the list of elective courses.

**CHEMISTRY**—This study is optional. A course in experimental inorganic chemistry is open regularly to Juniors and Seniors, and by permission to Sophomores and Freshmen who, having been excused upon examination in advance from a part of their required work, desire to prepare themselves for the subsequent pursuit of advanced scientific studies in which some knowledge of chemistry is necessary or desirable. Those who wish to master during the college course certain branches of knowledge which—like qualitative and quantitative chemical analysis, organic chemistry, biology, physiology, and physiological chemistry—are directly anticipatory of work otherwise required in the medical or technical schools, should take this course as early as pos-

sible. It is a prerequisite to the other courses in chemistry and to the course in biology, and is desirable for those who propose to study mineralogy and geology. Instruction is given by lectures and laboratory practice; and frequent examinations, written or practical, serve to review and emphasize essential principles and facts as well as to test the progress of the student.

Other courses, open to students who are familiar with the subject-matter of the first course, offer instruction by lecture and laboratory practice in the ordinary processes of qualitative analysis, in the preparation and study of the compounds of carbon, and in the exact methods of gravimetric and volumetric quantitative analysis. A lecture-course in chemical philosophy deals with modern methods and theories. It is the aim of all these courses to teach facts and principles inductively and experimentally.

Candidates for special honors in physical science who have the requisite standing and who desire to present their theses in chemistry, may undertake (under guidance) the solution of problems demanding original thought and investigation.

**GEOLOGY**—The instruction in this department is designed primarily to acquaint the student with the fundamental facts of the constitution of the earth, the arrangement of its parts, and the materials and forces which have been and are the basis of its history. As far as practicable the class-room instruction will be supplemented by the use of specimens such as are found in the museums or such as make up the geological features of the vicinity of New Haven. The facts and phenomena of the science will also be used as an introduction to the methods of making observations, of deriving from them correct scientific notions, and in general as a means of the exercise and development of the faculties of inductive reasoning. Students prepared for the work will be encouraged to make special investigations in the lines of historical geology and the history of organisms, for which the facilities are ample, and in other special problems of structural geology well exhibited in and about New Haven.

**POLITICAL SCIENCE AND LAW**—An elementary course in Economics is provided, which treats not merely the general principles of the science, but some of the most important practical applications in Finance and Legislation. Hadley's *Economics* is used as a text-book, and is supplemented by constant lectures and discussions. Those who take Economics in Junior year have an opportunity in Senior year to become acquainted with the history of the science and the controversies now going on in it, and to study more thoroughly special topics. In the

course in Anthropology they are also offered an opportunity to become acquainted with the new sciences whose investigations are so important for the whole field of social science.

The course in Law treats of municipal and international law as parts of a liberal education. The object is to study civil institutions, both in their theory and in their positive form. The instruction is elementary, dealing with the fundamental facts and principles which underlie the civil polity of the American State, and is intended to give the student a correct knowledge of such essential facts about the life of the State and its accepted doctrines as every educated man should possess, as well as to lead up to the professional study of law.

**MENTAL AND MORAL SCIENCE, AND PHILOSOPHY**—The courses in this branch of study begin in Junior year, and continue until graduation. During Junior year, three hours each week of class-room work in Logic, Psychology, Ethics, and the Evidences of Religion, and during Senior year two hours each week of class-room work in Philosophy, are required of every student; the remainder of the work in these and kindred subjects is elective.

**LOGIC**—This is a required course, beginning in the Junior year. It aims at a thorough knowledge of the principles of deductive and inductive reasoning. In Deductive Logic special attention is given to an analysis of the syllogism as well as to a study of its functions and logical value. Oral and written discussions of examples of deductive argument constitute a considerable portion of the work of the class. In Inductive Logic the problems, grounds, and principles of induction are discussed. A great deal of attention is given to familiarizing the students with the principles and methods of scientific investigation. Essays on observation, experiment, classification, hypothesis, etc., are required. The work in Logic includes an examination of recent logical theories.

The course in Deductive Logic is based on Jevons-Hill's *Elements of Logic*; in Inductive Logic, on Fowler's *Inductive Logic*.

**PSYCHOLOGY**—Required work in this subject begins in Junior year and consists of two exercises a week, continued through rather more than half the college year. Although the course is taught with constant use of a text-book, upon which recitations are exacted, considerable time from the first is taken by the teacher in oral instructions, critical or supplementary of the text. Attention is called to the most recent advances in experimental and physiological psychology, to the educational bearings of the subjects treated and to the psychological

bases of ethics and of theism. The most important of the older and newer works on psychology are placed in the University Reference Library for the use of students, who are urged to do side reading in connection with the class-room work. The course in Physiological and Experimental Psychology extends through the entire year and is taught by lectures and recitations; it is illustrated by models, charts, histological preparations, and apparatus for demonstrating all the principal topics covered. It is designed to go briefly over the whole ground of the modern experimental and physiological study of mental phenomena; especially as regards reflex and automatic cerebral action, the localizing of cerebral function, the quality and quantity of sensation, psychometry, etc. A similar illustrated course is given in the application of psychology to education. An elementary laboratory course furnishes a training in observation, thinking, and manipulation of apparatus as applied to psychological problems. An intermediate laboratory course furnishes a training in psychological measurements and leads to the more advanced work of the graduate school. The Psychological Laboratory possesses a very thorough equipment.

**HISTORY OF PHILOSOPHY**—The study of this subject is confined to the Senior year. In the study of the History of Greek Philosophy the principal emphasis is laid upon Plato and Aristotle, and upon the post-Aristotelian Schools, as illustrating the permanent and most interesting problems of Philosophy.

The course in Modern Philosophy extends through the whole of the Senior year. The subject is taught both by recitations from the textbook, with accompanying remarks from the teacher, and by lectures. Effort is made to secure from each pupil the careful reading of at least one work of some prominent philosopher of the period considered in the class-room. Special emphasis is laid upon the philosophy of Kant. It is a constant aim to trace the development of modern speculative thought so as to throw light upon the principal questions in debate among present writers in philosophy.

**PHILOSOPHY**—In addition to the study of Philosophy as connected with the problems of rational Psychology, and as illustrated and enforced by the history of the development of Philosophy, the works of one or more of the leading authors are read and discussed, with such students as take the elective courses opened for this purpose. In this way the more general studies in Metaphysics and Ethics are supplemented by special information regarding selected subjects and writers.

MORAL SCIENCE, as a study, is intimately connected with the instruction in Psychology and Philosophy, as its foundations are discovered in the constitution of the human soul, and its method and fundamental relations are justified and enforced by those principles which are essential to all scientific thinking. In the department of Moral Science and of Practical Ethics, a somewhat thorough course is required of the entire Junior class, as an essential element of a thorough education and an important condition for practical usefulness. This general course is supplemented by special classes in scientific and practical Ethics, and particularly in the history and criticism of ethical theories, which are maintained through the year.

MUSIC—The department aims to provide adequate instruction for those who intend to become professional musicians, either teachers or composers, and to offer a complete course of study to such as intend to devote themselves to musical criticism and the literature of music. In all the courses a knowledge of piano-playing is required, though in a less degree if the student plays well some other musical instrument.

#### SPECIAL HONORS

Special Honors are conferred at the end of Senior year.

One-year and two-year honors may be taken in the following groups of studies :

(1.) Philosophy. (2.) Political Science and Law. (3.) History. (4.) Modern European Languages. (5.) English. (6.) Ancient Languages. (7.) Natural and Physical Science. (8.) Mathematics. (9.) Music.

A candidate for a one-year honor must pursue with distinction in his Senior year, and a candidate for a two-year honor in his Junior and Senior years, courses (whether prescribed or elective) amounting to an average of at least six hours per week in one of the specified groups. For a two-year honor the work must be so distributed that an average of at least four hours per week is taken in Junior year.

In History, courses *taken in Junior Year* may be counted as part of the work for two-year honors in Political Science and *vice versa*.

In Biblical Literature, courses 180 and 181 may be counted as a part of the work for two-year honors in History.

In Classics, Modern Languages (exclusive of English), and Mathematics, two-year honors will not be given unless the work in those subjects amounts to four hours per week in each year.

In Music, one-year honors will be given for distinguished work on the completion of course 271, and two-year honors on the completion of all the courses offered to undergraduates.

Students taking a sufficient number of hours in any group may by that fact be considered as candidates for honors in that group.

A candidate's whole work in any group, though it may be more than the minimum requirement for an honor, will be reckoned as a competition for the honor.

A candidate for either honor must present a meritorious thesis before June 1, of his Senior year.

[In the department of Modern European Languages, elementary French and German will not be reckoned for honors. In the department of Mathematics, no student will be considered a candidate for honors unless he has taken the Calculus.]

#### TERMS AND VACATIONS

THE PUBLIC COMMENCEMENT is held on the last Wednesday in June.

The first term begins thirteen weeks from the day after Commencement-day and continues twelve weeks; the second term begins on the Tuesday after the first Thursday in January and continues until Commencement-day with a Spring Recess—of eight days—including Easter. (See Calendar, p. 6.) The exercises of each term begin with prayers in the Chapel.

### PUBLIC WORSHIP

PRAYERS are attended in the Battell Chapel, with reading of the Scriptures and singing, every week-day at 8.10 A. M., at which service the attendance of the students is required.

PUBLIC WORSHIP is held in the Chapel on Sundays, at which all the students are required to attend, except such as have special permission to attend the worship of other denominations, to which their parents belong. Such permission can be obtained on presenting to the Dean or Division Officer a written request therefor from the parent or guardian.

THE YALE YOUNG MEN'S CHRISTIAN ASSOCIATION, with a membership of over one thousand, has its headquarters in Dwight Hall, which was erected in 1886, through the generosity of Mr. Elbert B. Monroe, of Southport, Connecticut. This is a fine, stone building, situated on the College square, and admirably adapted to be the center of the social religious life of the University; it contains a convenient reading-room, a carefully selected library, a large hall for general religious services, and separate rooms for the prayer-meetings of the various classes.

The Dwight Hall lecture course, the devotional meetings, the classes for Bible study, and the mission-work carried on by the students, have come to be prominent features of Yale life.

### LIBRARIES AND READING-ROOMS

The Library of the University, containing over 245,000 volumes, is open every week-day to all the students for consultation and for the drawing of books; in a separate part of the building is the Linonian and Brothers Library, a collection of about 21,000 volumes in general literature specially selected for the use of the undergraduate students.

The College Reading-Room, containing the principal newspapers and periodicals, American and foreign, is open to the students every day and evening without charge. There are also a reading-room and a select library (partly for circulation and partly for reference) in Dwight Hall.

## GYMNASIUM

The Gymnasium is designed to provide all students of the University with opportunities not only for general exercise, but also for means of caring for the body with a knowledge of hygienic laws. It also provides for specific training in view of any physical defects that may be remedied by rational superintendence.

The Department is under the supervision of a Director, assisted by two Associate Directors, both of whom are regularly educated physicians.

The gymnastic training is designed to be progressive from year to year. The members of the different classes may take exercises in the various forms of gymnastics under the instruction of the Directors, and any student may enter the classes in general gymnastics. An instructor is always present in the main exercise-hall to direct individual or class work. All students requiring such care are assigned exercises suited to their special needs.

A thorough physical examination and measurement is offered each student yearly, and a record of the results is kept as a basis of advice as to exercise and regimen. An examination of these records shows that the standard of health of the average student improves during his college course.

For the welfare of the students the following rule has been passed by the Corporation :

Required that every man who presents himself for exercise in the gymnasium, or who desires to use its privileges, should first submit to a physical examination by one of the Directors ; or, in default of such an examination, should bring from his physician a written certificate (the form to be furnished by the Director) that he is physically sound ; or a written certificate from his parent or guardian that he wishes the student excused from the examination and that he himself will take the responsibility of exercise without a previous examination.

An elective course is provided for the Senior class as set forth in the prospectus of elective studies. (See course



280.) This provides training in hygiene and gymnastics for those who intend to teach or to supervise the work of physical training in educational institutions. Dr. Seaver gives a course of lectures on elementary physiology and sanitary science. Dr. Anderson gives lectures and lessons in the theory and practice of gymnastics.

There are several prizes offered for excellence in physical work.

Members of other Departments may avail themselves of the use of the Gymnasium, including advice from the directors, use of apparatus, the Turkish baths, showers, bowling-alleys, etc., on the payment of a small fee.

The new Gymnasium, erected by graduates for the use of the University, was opened in 1892. The arrangement of the building is in general as follows: the location is on the north side of Elm street, and the front is 138 feet, while the depth is 86 feet. The entrance is by an archway at the east end, which leads through the building to a large lot in the rear that affords room for outdoor exercises, such as throwing the hammer, putting the shot, hurdling, pole-vaulting, jumping, etc.

The basement is reached by an entrance from the lot, and contains an engine-room, laundry, a bath-room with twelve tubs, each provided with a shower and douche, toilet-rooms, a room with two bowling-alleys, and a room for base-ball teams.

The first floor contains the spacious entrance-hall, or vestibule, a dressing-room for athletes, with bath and toilet-rooms for their special use, a complete equipment of lockers, baths, a swimming-pool (28 x 50 feet), Turkish bath, and two rowing-tanks large enough for eight-oar crews.

The second floor is occupied by offices, club-rooms, and a large dressing-room, with shower-baths and toilet-rooms adjoining. This room now has over one thousand ventilated lockers, with space for a thousand more whenever they may be needed.

The Gymnasium is open from 9.30 in the morning until 9.30 at night. Graduate and undergraduate students are entitled to the use of the tub and Turkish baths upon the payment of a small fee.

#### EXPENSES

The Treasurer's bills are made out and delivered to the students, or (*request to that effect being made*) mailed to the parent or guardian, three times a year, viz : at the beginning of each term or half-term, at which time they are payable. If not paid before the end of the month following the month in which they are issued, the student will not be permitted to attend recitations until his bill shall have been paid, and in the allotment of college rooms will not be permitted to retain or choose a room. Drafts on New York, Boston, and Philadelphia are received at par.

The annual charges for tuition are one hundred and fifty-five dollars. Of this amount fifty-five dollars are payable at the beginning of the first term, and fifty dollars at the beginning, and again at the middle of the second term. An additional charge of eighteen dollars is made in the last bill of the Senior year to cover expenses of graduation.

**ABSENCE ON LEAVE**—A student who is absent from College on account of sickness, or for any other cause, and retains his place in his class, pays full tuition during such absence ; such payment is required before the student can be admitted to examination.

**BOARD** is obtained at prices varying from three and a half to eight dollars a week. The average price is under five dollars.

**THE YALE DINING HALL**, adjacent to the College square, is under the direct control of the University and furnishes board at cost (approximating \$4.00 per week). The Hall contains seats for 450, and is open to students of the Academic and Scientific Departments. A bond of \$500 is

required by the Treasurer of the University for each student admitted to the Hall, and the price of board is charged on the regular term-bill. Application for seats at the table must be made to the steward, Mr. J. Q. Tilson.

**Rooms**—There are in the College buildings over four hundred and fifty rooms occupied by students, at prices varying (according to location) from seventy-five cents to ten dollars per week, payable each term or half-term in advance. These rooms are not furnished, and the rates charged do not include heat or light.

Farnam Hall (built in 1869-70) is named in commemoration of Henry Farnam, Esq., of New Haven, who bore the chief part of the expense of its erection; Durfee Hall (built in 1870-71) commemorates in like manner the generosity of Mr. Bradford M. C. Durfee, of Fall River, Mass.; Lawrance Hall (built in 1885-86) owes its name to a gift for this purpose from Mrs. Francis C. Lawrance, of New York City, in memory of her son, Thomas Garner Lawrance, of the Class of 1884, who died during his Senior year in College; Welch Hall, completed in 1892, is the gift of Pierce N. Welch, Esq. (Yale College 1862), of New Haven, in memory of his father, the Hon. Harmanus M. Welch, of this city, who died in 1889; Vanderbilt Hall, first occupied in 1894, is the gift of Mr. and Mrs. Cornelius Vanderbilt, of New York City, in memory of their son, William Henry Vanderbilt, a member of the Class of 1893, who died in 1892; and White Hall, completed in 1894, was erected at the expense of Andrew J. White, M.D. (Yale 1846), of New York City.

Students living out of College are not allowed to room in any hotel or apartment-house or in any building in which a family does not reside, except by special permission of the Faculty.

A few rooms in each building are reserved in May, for members of the Freshman class of the year following, and are assigned to applicants in order of application.

Members of the Junior, Sophomore, and Freshman classes, occupying any of the College rooms, may retain the same rooms for another academic year, by making application in writing to the locating officer, on or before Saturday, May 20, 1899. Rooms not reserved will then be offered to the classes in order: choices will be allotted to the Junior class on Tuesday, May 30, to the Sophomore class on Friday, June 2, and to the Freshman class on Wednesday, June 7.

PRICES PER WEEK OF ROOMS IN COLLEGE FOR 1898-99

When a room is occupied by two persons, each occupant will be charged with one-half the price named in this schedule. The prices given for Welch Hall include steam-heat.

- \$0.75.—70 South Middle; 98, 99, 114 North.
- \$1.00.—84 South Middle; 97, 100, 113, 116 North; 359, 360, 361, 362, 363, 364, 365, 366 White; 417, 418, 419, 420 Berkeley.
- \$1.25.—81, 82, 94, 95 South Middle; 409, 410, 411, 412, 416, 421 Berkeley.
- \$1.50.—73, 74, 77, 78, 86, 87, 91 South Middle; 401, 402, 403, 404, 408, 413 Berkeley.
- \$1.75.—80, 83, 93, 96 South Middle; 103, 106, 107, 110, 111, 119, 122, 123, 126, 127 North; 400, 405 Berkeley.
- \$2.00.—71, 72, 75, 76, 79, 85, 88, 89, 92 South Middle; 101, 104, 105, 108, 109, 112, 125, 128 North; 133, 137, 141, 160, 167, 175 Farnam; 181 Lyceum; 385, 386, 387, 388, 393, 394, 395, 396 Berkeley.
- \$2.25.—384, 389, 392, 397 Berkeley.
- \$2.50.—120, 124 North; 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598 Pierson.
- \$3.00.—182, 183 Lyceum; 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582 Pierson.
- \$3.50.—142, 143, 158, 159, 161, 162, 176, 177 Farnam; 250, 251, 260, 261, 270, 271, 281, 282 Lawrance; 415, 422 Berkeley; 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566 Pierson.
- \$4.00.—130, 131, 138, 139, 144, 145, 146, 147, 153, 154, 156, 157, 164, 165, 172, 173 Farnam; 180 Lyceum; 407, 414 Berkeley.
- \$4.50.—14, 18 Vanderbilt; 134, 135, 140, 148, 149, 151, 152, 168, 169, 174 Farnam; 208, 215, 216, 223, 224, 231, 232, 239 Durfee; 248, 249, 258, 259, 268, 269, 279, 280 Lawrance; 341, 342, 379, 380, 381, 382 White; 399, 406 Berkeley.

- \$5.00.—22, 26, 40, 56 Vanderbilt; 129, 163 Farnam; 202, 209, 210, 217, 218, 225, 226, 233 Durfee; 241, 242, 246, 247, 252, 253, 256, 257, 262, 263, 266, 272, 273, 277, 278 Lawrance; 296, 311, 312, 327 Welch; 338, 339, 355, 356, 357, 358, 375, 376, 377, 378 White; 585, 586, 599, 600 Pierson.
- \$5.50.—44 Vanderbilt; 206, 214, 221, 222, 229, 230, 237 Durfee; 295, 298 Welch; 351, 352, 353, 354 White; 383, 390, 391, 398 Berkeley.
- \$6.00.—48, 52 Vanderbilt; 132, 166 Farnam; 204, 211, 212, 219, 220, 227, 228, 235 Durfee; 245, 254, 255, 264, 265, 274 Lawrance; 284, 297, 299, 300, 301, 302, 313, 314, 315, 328, 329, 330 Welch; 332, 333, 335, 336, 367, 368, 369, 370, 371, 372, 373, 374 White; 521, 522, 535, 536, 569, 570, 583, 584 Pierson.
- \$6.25.—283, 286 Welch.
- \$6.50.—343, 344, 345, 346 White.
- \$7.00.—2, 3, 13, 15, 41, 43, 45, 58, 60 Vanderbilt; 178, 179 Lyceum; 201, 203, 205, 234, 236, 238 Durfee; 285, 288, 292, 303, 304, 308, 316, 317, 318, 319, 323 Welch; 340, 347, 348, 349, 350 White; 537, 538, 551, 552, 553, 554, 567, 568 Pierson.
- \$7.50.—287, 291 Welch.
- \$7.75.—290, 294 Welch.
- \$8.00.—1, 11, 12, 16, 25, 27, 29, 36, 42, 55, 57, 59, 67, 69 Vanderbilt; 289, 293, 305, 306, 309, 310, 322, 326 Welch; 337 White.
- \$8.50.—5, 8, 17, 19, 21, 23, 47, 49, 51, 53, 63, 66 Vanderbilt; 320, 324 Welch.
- \$9.00.—10, 28, 34, 39, 54, 68 Vanderbilt; 321, 325 Welch; 331 White.
- \$10.00.—4, 6, 7, 9, 20, 24, 30, 32, 35, 37, 46, 50, 61, 62, 64, 65 Vanderbilt; 240 Durfee; 334 White.

The subjoined table gives near estimates of the ordinary annual expenses in College, omitting clothing, vacation charges, and sundries.

	Lowest	General Average	Very Liberal
Treasurer's bill, tuition,	\$155	\$155	\$155
Rent and care of half-room in College,	20	100	140
Board, 36 weeks,	125	175	250
Furniture, average of half-room for 4 years,	10	25	40
Fuel (steam-heat) and light, for half-room,	15	20	35
Washing,	15	25	40
Text-books and stationery,	10	25	40
Subscriptions (to Societies, Sports, Periodicals, etc.),		20	100
Total	\$350	\$545	\$800

## BENEFICIARY AID

The sum of thirty thousand dollars and upwards, derived mainly from permanent charitable funds, is annually applied by the Corporation for the relief of students who need pecuniary aid. In this amount are included the income of the *LANGDON FUND*, of four thousand dollars, bequeathed in 1835 by Solomon Langdon, of Farmington, Connecticut, and a portion of the income of the *ELLSWORTH FUND*, now about ninety-six thousand dollars, received since 1858 from the estate of the Hon. Henry L. Ellsworth (Yale College 1810); both these funds are used for the support of students intending to enter the ministry. There is also a *LOAN FUND*, the income of which is used for scholarships, which has been constituted from repayments made to the treasury by former students who have received aid during the College course. The College has also a considerable number of scholarship funds, each yielding one hundred and fifteen dollars a year, the income of which is appropriated to worthy applicants. Those needing aid should apply to the President before November 1st in each year of the College course. No assignments from these funds are made before admission to College.

Assistance will be withdrawn from students who are irregular in attendance, or who fail to maintain a reputable scholarship.

*THE MORGAN FUND*, bequeathed by the late Henry T. Morgan, of New York City, has been set apart by the Corporation, with the provision that the income shall be divided into scholarships (at present thirty-seven in number, yielding one hundred and fifteen dollars each), to be assigned by the Faculty for the benefit of indigent and deserving students.

*THE MARETT FUND*, amounting to over one hundred and fifty-two thousand dollars, which was established by the will of Philip Marett, Esq., of New Haven, in 1869, and was received in 1889-97, has been appropriated for beneficiary scholarships, in aid of needy and deserving students.

THE CHRISTMAN FUND, amounting to over twenty-two thousand dollars, bequeathed by Joseph A. Christman (Yale College 1857), of New York City, who died in 1888, is devoted to the support of poor and meritorious students.

THE HARMER FOUNDATION OF SCHOLARSHIPS, the proceeds of a bequest in 1854 from Thomas Harmer Johns (Yale College 1818), of Canandaigua, N. Y., comprises five scholarships, each yielding at least one hundred dollars a year, to be given to deserving students of small means.

THE LYON SCHOLARSHIP FUND, of forty-four hundred dollars, given in 1868-72 by Mr. Morris W. Lyon (Yale College 1846), of New York City, benefits four scholars, selected for their worth and need by the founder or the Faculty.

THE LUCIUS HOTCHKISS FUND, of ten thousand dollars, the bequest of Lucius Hotchkiss, Esq., of New Haven, in 1881, comprises four scholarships, the income of which is given to indigent and deserving students.

THE LEAVENWORTH SCHOLARSHIP FUND, now amounting to over seventeen thousand dollars, was established in 1882 by the Hon. Elias W. Leavenworth (Yale College 1824) of Syracuse, N. Y., with the primary object of defraying in part the expenses of the education of students of good character and promise, bearing the surname of Leavenworth.

THE HOLMES SCHOLARSHIPS, one in each class in College, founded by Samuel Holmes, Esq., of Montclair, New Jersey, are filled upon the nomination of the Board of Agents of the Silas Bronson Library of Waterbury by students from the towns of Waterbury, Wolcott, Prospect, and Middlebury, Connecticut, who receive each the income of one thousand dollars *per annum*.

There are thirty-four other Scholarship Funds, most of them of one thousand dollars, the income of which may be given to such students as shall be selected by the founders or the Faculty. In this number are included Scholarships named in commemoration of William Allen, Charles Atwater, Mills Bordwell, William S. Charnley, William E. Dodge, Thomas H. and Luther Fuller, Sereno Gaylord,

Joel Hawes, John C. Holley, Charles L. Ives, Elisha C. Jones, William A. Macy, John S. Mitchell, Peter Parker, John M. Raymond, John Spaulding, and James M. Whiton.

There are also opportunities for students in need of aid to render service to the College as monitors, etc. ; in this way about fifteen hundred dollars is disbursed annually. And in general it may be said that the other means to self-help at the command of students are sufficient to enable many of those who have spare time to provide for the larger part of their College expenses.

By the liberality of Mr. William L. Andrews, of New York City, and as a memorial of his son, Loring W. Andrews, of the class of 1883, a well furnished library has been established, containing text-books and works of reference, to be loaned gratuitously to those students who have need to avoid the expense of purchasing books. Permission to use this library is obtained from the Dean.

#### FELLOWSHIPS AND SCHOLARSHIPS

THE DOUGLAS FELLOWSHIP, with an income of six hundred dollars a year, was founded in 1873, by Mrs. Samuel Miller, of New Haven, and named in memory of her brothers, the Rev. Sutherland Douglas (Y. C. 1821) and George H. Douglas (Y. C. 1828). The incumbent, who must be a recent graduate of this Department, pursuing non-professional studies in New Haven, is elected annually, but no person shall hold the Fellowship for more than three years.

THE SOLDIERS' MEMORIAL FELLOWSHIP, with an annual income of six hundred dollars, was founded in 1875 by Mrs. Theodosia D. Wheeler, of New Haven, in honor of the alumni who fell in battle as Union soldiers, in the war of 1861-1865, and in special remembrance of William Wheeler, of the class of 1855. The incumbent must be, at the time of his election, a graduate of this Department, of not more than three years' standing. He shall pursue non-professional studies, and may hold the Fellowship for



a period not exceeding five years. In selecting the incumbent, the President and Professors are to give preference to one who has shown special proficiency in Greek ; and for the further prosecution of Greek study, the Fellow may spend a part or the whole of the time of his incumbency in Athens, in connection with the American School of Classical Studies, instead of in New Haven.

THE SILLIMAN FELLOWSHIP, founded in memory of Professor Benjamin Silliman, Professor of Chemistry, Mineralogy, and Geology in Yale College from 1802 until his death in 1864, has an annual income of six hundred dollars, and is awarded to a graduate of this Department who has given evidence of proficiency and promise in some branch of physical science. The incumbent is elected annually, but no person shall hold the Fellowship for more than three years.

THE JOHN SLOANE FELLOWSHIP in Physics, established in 1889 by the gift of ten thousand dollars from John Sloane, Esq., of New York City, is awarded annually by the Faculty to a graduate of this Department who has shown marked proficiency in the prosecution and application thereof. The incumbent shall reside in New Haven for at least thirty-six weeks in each academic year, pursuing a course of study in Physics and the related branches of science, and acting as an assistant in the Sloane Physical Laboratory ; he may be re-elected, but shall not hold the Fellowship for more than three consecutive years.

THE SCOTT HURTT FELLOWSHIP, with a foundation of twelve thousand dollars, was established in June, 1893, by Mrs. Sarah I. Hurtt, of New York City, in memory of her son Burgess Scott Hurtt, of the class of 1878, Yale College. The incumbent must be a graduate of the academical department, of not more than four years' standing at the time of his first appointment, and may hold the fellowship for three years by annual re-election. In addition to a good moral character, the person appointed must have maintained a satisfactory standing in scholarship and must

purpose to pursue a scholastic, professional, or scientific career, in which he gives promise of success. He shall, if required by the President and Professors, reside in New Haven for at least one year of his incumbency, during thirty-six weeks of the year, pursuing his studies there ; but with this exception may have the privilege of prosecuting his studies at any foreign University, or at the American School of Classical Studies in Athens.

THE BERKELEY SCHOLARSHIP, founded in 1733 by the Rev. George Berkeley, Dean of Derry, and afterwards Bishop of Cloyne, Ireland, and yielding about seventy dollars a year, is awarded to the student in each Senior class who passes the best examination (which must be a creditable one) in the Greek Testament (Pauline Epistles), the first book of Thucydides, the first six books of Homer's *Iliad*, Cicero's *Tusculan Questions*, Tacitus (except the *Annals*), and Horace ; provided he remain in New Haven as a graduate, one, two, or three years.

THE CLARK SCHOLARSHIP, being the income of a fund of two thousand dollars, given for this purpose by Mr. Sheldon Clark, of Oxford, Connecticut, is awarded in each Senior class to the applicant who has attained the highest rank in the studies of the course ; provided he remain in New Haven for one year or two years immediately after graduation, pursuing a course of study (not professional) under the direction of the Faculty.

THE BRISTED SCHOLARSHIP, founded in 1848 by Mr. Charles Astor Bristed (Yale College 1839), of New York City, and yielding over one hundred dollars a year, is awarded, whenever there is a vacancy, to the student in the Sophomore or Junior class who passes the best examination in the classics and mathematics. The successful candidate receives the annuity (forfeiting one-third in case of non-residence) until the end of the third year after graduation.

THE FOOTE SCHOLARSHIPS, founded in 1873 by a bequest of Harry W. Foote (Yale College 1866), of New Haven,

and yielding five hundred dollars a year, are awarded annually to graduates of this Department, selected by the Corporation, who remain in New Haven for one or more years pursuing studies in the graduate courses of the Department of Philosophy and Arts.

THE LARNED SCHOLARSHIPS, three in number, each having a fund of seven thousand dollars, were founded in 1877 by the bequest of Mrs. Irene Larned, of New Haven, and were augmented in 1888 by the bequest of Mrs. Urania B. Humphrey, of Norfolk, Connecticut. One scholarship is awarded in each Senior class; the incumbent must reside in New Haven, pursuing a course of advanced study under the direction of the Faculty.

THE ELLEN BATTELL ELDRIDGE SCHOLARSHIPS, two in number, each having the income of a fund of twelve thousand dollars, were established in 1894 by a bequest from Mrs. Azariah Eldridge, of Yarmouth, Massachusetts. The incumbents, who shall be graduates of this Department, selected by the President and Professors, must reside in New Haven, pursuing such a course of study as they may select and the Faculty approve. No scholar shall continue on the foundation for more than three years.

THE MACY SCHOLARSHIP, being the income of a fund of ten thousand dollars, derived from a bequest of the Rev. William A. Macy (Yale College 1844), of Shanghai, China, who died in 1859, is awarded, whenever there may be a vacancy, to a recent graduate of distinguished scholarship, who may hold it for a term of three years. He shall reside in New Haven, pursuing a course of non-professional study, and shall at the close of each College year present a meritorious thesis in evidence of his work during the previous year.

THE WOOLSEY SCHOLARSHIPS, each having the income of a fund of one thousand dollars, the gift of President Woolsey, in 1846-48, are awarded in successive years, one to the student in each Freshman class who passes the best examination in Latin Composition (excellence in which is

essential to success), in the Greek of the year, and in the solution of algebraic problems. The successful candidate receives the annuity, during the four years of his College course, provided he maintains a good standing in character and scholarship, and in the Junior year makes himself acquainted with the Differential and Integral Calculus. The student who stands second at this examination receives for one year the income of the HURLBUT SCHOLARSHIP FUND, of one thousand dollars (established by Henry A. Hurlbut, Esq., of New York City, in 1858-59); and the student who stands third, the income for one year of the THIRD FRESHMAN SCHOLARSHIP FUND, of the same amount, given by Charles M. Runk, Esq., of Allentown, Pennsylvania, in 1864.

THE W. W. DEFOREST SCHOLARSHIP, being the income of a fund of two thousand dollars, bequeathed in 1867 by William Wheeler DeForest of New York City, is awarded to a student in each Senior class who has attained distinction in the study of French while in College, provided he pursue for the year after graduation a further course of study in the modern languages, especially French, Spanish, Portuguese, or Italian, under the direction of the Faculty.

THE SCOTT HURTT SCHOLARSHIP was established in 1889 in memory of Burgess Scott Hurtt, of the class of 1878, Yale College by his classmates and friends. The income of a fund of five thousand dollars is assigned in June of each year to a member of the Sophomore class, who is selected by the Faculty on the ground of approved scholarship; one half of the income will be paid to the incumbent during his Junior year, and one half during his Senior year, provided he continues to be in need of this assistance.

THE THOMAS GLASBY WATERMAN FUND, of forty thousand dollars, was received in 1890 from the estate of Thomas G. Waterman (Yale College 1886). The income is given to not more than three scholars, of manly character and limited means, who have distinguished themselves in their studies and give promise of achieving distinction

in the line of work which they have chosen; the incumbents are elected annually by the Faculty from the Senior or Junior class, or from graduates of the Department of not more than two years' standing.

THE ALFRED BARNES PALMER SCHOLARSHIP FUND, of five thousand dollars, was given in 1892, by the Rev. Charles Ray Palmer, D.D., in memory of his son, Alfred Barnes Palmer, of the class of 1892, Yale College. The annual income is paid, during his College course, to a student in avowed need of beneficiary aid, of unexceptionable character, and of high rank in scholarship.

THE DANIEL LORD, JUNIOR, MEMORIAL FUND, of five thousand dollars, was established in 1894, by Daniel Lord, Esq., of New York City, in memory of his son, Daniel Lord, Junior, of the class of 1892. The annual income is given to a deserving and needy undergraduate student in this Department—preferably a member of the Senior class—who shall be selected by the Faculty.

THE LEARNED SCHOLARSHIP, established in 1895 by the gift of two thousand dollars from the Hon. William L. Learned, LL.D., of the class of 1841, Yale College, is awarded at the close of the Freshman year to a student who has been markedly successful in his studies. He receives the income of the fund through his college course.

THE JOHN J. COX SCHOLARSHIP, established in 1898 by the gift of two thousand dollars from Mrs. John J. Cox, of Peekskill, N. Y., in memory of her son, John J. Cox, of the class of 1891, is awarded yearly to some needy and worthy student of high character selected by the Faculty.

#### PREMIUMS

THE DEFOREST PRIZE, founded in 1823 by David C. DeForest, of New Haven, and consisting of a gold medal, of the value of one hundred dollars, is awarded "to that scholar of the Senior class who shall write and pronounce an English Oration in the best manner," the President and Professors being judges.

TOWNSEND PREMIUMS, five in number, of twelve dollars each, founded in 1843 by the gift of Isaac H. Townsend (Yale College 1822), of New Haven, are awarded in each Senior class for the best specimens of English Composition; all compositions receiving premiums must be read in public.

THE DEFOREST MATHEMATICAL PRIZES were established by the late Dr. John DeForest (Yale College 1826), and were augmented by his son, the late E. L. DeForest (Yale College 1854), of Watertown, Connecticut. A first prize of one hundred dollars, and three second prizes of fifty dollars each, are offered to the Senior class for worthy solutions of problems in pure and applied Mathematics. This year about sixty dollars from the same source will be offered in prizes to the Junior, Sophomore, and Freshman classes, respectively, for the solution of problems.

WINTHROP PRIZES, the income of a fund of five thousand dollars given in 1871 by Buchanan Winthrop, Esq. (Yale College 1862), of New York City, are annually offered to the Junior class "for the most thorough acquaintance with the Greek and Latin poets," particular attention being paid to elegance of scholarship and appreciation of the spirit of the poetry, as shown at an examination during the latter half of the second term. The first prize is two hundred dollars, and the second prize is the balance of the income for the year.

The subjects for the examination in the class of 1900 are as follows: in Greek, Homer's *Odyssey*, Books i-iv, ix-xi; the *Antigone* of Sophocles; and the *Alcestis* of Euripides; in Latin, Vergil's *Aeneid*.

THE HENRY JAMES TENEYCK PRIZES, the income of a fund of twenty-six hundred dollars, established in 1888 by the Kingsley Trust Association in memory of Henry James TenEyck (Yale College 1879), are awarded to the successful competitors at the Junior Exhibition, in the second term of each year.

THE C. WYLLYS BETTS PRIZE, established in 1890 by the Phelps Association, being the income of a fund of one thousand dollars given by L. F. H. Betts, Esq. (Yale College 1891), in memory of his uncle, the late C. Wyllys Betts, Esq., of New York City, a graduate of Yale College in the class of 1867, is offered to the Sophomore class for excellence in English composition. The prize is awarded annually to that member of the class who shall have exhibited the most meritorious work in the required compositions of the year and in a special essay on a prescribed subject.

THE McLAUGHLIN MEMORIAL FUND, consisting of one thousand dollars, founded in 1893 to commemorate Edward Tompkins McLaughlin (Yale College 1883), late Professor of Rhetoric and Belles Lettres, is devoted to the encouragement of English Composition in the Freshman class. From the income of this fund a first and second prize, in books, are offered during the current year.

THE WINSTON TROWBRIDGE TOWNSEND PRIZES, given by Judge William K. Townsend, in memory of his son, a member of the class of 1901, are annually awarded for excellence in English Composition in the Freshman class.

COLLEGE PREMIUMS are given each year in the Sophomore class for Declamation.

THE THACHER MEMORIAL FUND, of three thousand dollars, founded in 1892, by gifts from the class of 1842, and named in honor of their former instructor, Professor Thomas A. Thacher, is devoted to the encouragement of the practice of extemporaneous debate. One hundred and fifty dollars of the income will be offered in prizes for this object during the current year.

SCOTT PRIZES for excellence in German and in French are offered to the Junior class; these are of the value of thirty dollars each, and are given in books. The prizes were founded by the bequest of Henry W. Scott (Yale College 1863), of Philadelphia, who died in 1871.

THE LUCIUS F. ROBINSON LATIN PRIZES, from the income of a fund of five thousand dollars given in 1887 by the

daughters of the late Lucius F. Robinson (Yale College 1843), of Hartford, will be awarded the present year to students showing special proficiency in Latin :—one series of prizes (of fifty, thirty, and twenty dollars, respectively) being open to members of the Senior and Junior classes who have taken three hours per week in Latin electives ; and a second series, of the same amounts, to members of the Sophomore class.

BERKELEY PREMIUMS for excellence in Latin Composition are offered to the Freshman class near the end of each College year, from the surplus income of the Berkeley Scholarship Fund.

THE HUGH CHAMBERLAIN GREEK PRIZE, being the income of one thousand dollars given for this purpose, in 1886, by the Hon. Daniel H. Chamberlain (Yale College 1862), is awarded annually to that member of the Freshman class who has passed the best examination in the Greek required for admission to College. Candidates for this prize will be required to pass the whole examination in Greek in June of the year of their entrance into College, even though they may have been accepted already in some or all of the Greek subjects in a previous year.

#### DEGREES

The degree of BACHELOR OF ARTS is conferred by the Corporation on those persons who have completed the course of academical exercises, as appointed by law, and have been approved on examination at the end of the course as candidates for the same. Candidates are required to pay their dues to the Treasurer as early as the Saturday before Commencement.



# SHEFFIELD SCIENTIFIC SCHOOL

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MILES A. POND, PH.B., *Assistant in Drawing*  
BERTRAM B. BOLTWOOD, PH.D., *Instructor in Physical Chemistry*  
OTIS G. BUNNELL, PH.B., *Instructor in French*  
WILLIAM A. GRANVILLE, PH.D., *Instructor in Mathematics*  
MUNSON D. ATWATER, B.A., *Laboratory Assistant in Chemistry*  
CHAUNCEY B. RICE, PH.B., *Laboratory Assistant in Physics*  
WILLARD G. VANNAME, PH.D., *Assistant in Biology*  
LYNDE P. WHEELER, PH.B., *Laboratory Assistant in Physics*  
BAYARD BARNES, PH.D., *Laboratory Assistant in Chemistry*  
HARRY W. FOOTE, PH.D., *Instructor in Analytical Chemistry*  
HERBERT E. GREGORY, B.A., *Instructor in Physical Geography*  
YANDELL HENDERSON, PH.D., *Assistant in Physiological Chemistry*  
GEORGE H. NETTLETON, B.A., *Instructor in English*  
HOLMES C. JACKSON, PH.B., *Assistant in Physiological Chemistry*  
CHARLES H. WARREN, PH.B., *Assistant in Mineralogy*  
CHARLES M. COOKE, B.A., *Laboratory Assistant in Botany*  
FREDERICK B. LUQUIENS, B.A., *Instructor in French*  
WILLIAM K. SHEPARD, PH.B., *Laboratory Assistant in Physics*  
WILLIAM VALENTINE, PH.B., *Laboratory Assistant in Analytical Chemistry*

TREAT B. JOHNSON, PH.B., *Laboratory Assistant in Chemistry*

WALTER M. BRADLEY, *Laboratory Assistant in Analytical Chemistry*

## OBJECTS

THE SHEFFIELD SCIENTIFIC SCHOOL is devoted to instruction and researches in the mathematical, physical, and natural sciences, with reference to the promotion and diffusion of science, and also to the preparation of young men for such pursuits as require special proficiency in these departments of learning. Instruction is also given in French, German, Spanish, English, History, Political Economy, and Political Science. The Sheffield Scientific School is, in part, analogous to the academical department, or college, and, in part, to the professional schools.

The instruction is intended for two classes of students:—

I.—Graduates of this and other universities or colleges, and other persons qualified for advanced or special scientific study.

II.—Undergraduates who desire a training, chiefly mathematical and scientific, in less part linguistic and literary, for higher scientific studies, or for various other occupations to which such training is suited.

## HISTORY AND ORGANIZATION

The School was commenced in 1847. In 1860, a convenient building and a considerable endowment were given by Joseph E. Sheffield, Esq., of New Haven, whose name, at the repeated request of the Corporation of Yale College, was subsequently attached to the foundation. Mr. Sheffield afterwards frequently and munificently increased his original gifts.

In 1863, by an act of the Connecticut Legislature, the national grant for the promotion of scientific education (under the congressional enactment of July, 1862) was given to this department of Yale University, which thus

became the College of Agriculture and the Mechanic Arts for Connecticut. By an act of the State Legislature in 1892 this was revoked and the special relations of the School to the State created by the act of 1863 were terminated.

During the last thirty years numerous liberal gifts have been received from the citizens of New Haven, and from others in Connecticut and elsewhere, for the endowment of the School and the increase of its collections, by which the facilities of the institution have been greatly enlarged.

The Governing Board consists of the President of the University and the professors who are permanently attached to the School. There are many other instructors associated with them, some of whom are connected with other departments of the University.

#### INSTRUCTION FOR GRADUATE AND SPECIAL STUDENTS

Persons who have gone through undergraduate courses of study, here or elsewhere, may avail themselves of the facilities of the School for more special professional training in the natural and physical sciences and their applications, gaining in one, two, or three years the degree of BACHELOR OF PHILOSOPHY, or in two additional years of Engineering study that of CIVIL ENGINEER or that of MECHANICAL ENGINEER.

Or, engaging in studies of a less exclusively technical character, they may become candidates for the degree of MASTER OF SCIENCE or DOCTOR OF PHILOSOPHY. The instruction in such cases will be adapted to the particular needs and capacities of each student, and may be combined with that given by the graduate instructors in other departments of the University.

The degree of MASTER OF SCIENCE is conferred upon graduates of this or other universities, of two years' standing or upwards, who have taken their first degree in science, and who pursue successfully a higher course of

study in science under the direction of the Governing Board. Such a course will involve at least one year of resident graduate study, followed by an examination and the presentation of a satisfactory thesis in some department of science. A committee of the Faculty is appointed (consisting for the present year of Professors Chittenden and Richards) to whom all candidates for this degree must submit their proposed courses of study for approval before the end of October of each year. The fee for graduating is ten dollars.

The degree of DOCTOR OF PHILOSOPHY is conferred upon those students who show the results of resident graduate work by a thesis giving evidence of high attainment and power of investigation, and by an examination on studies whose grade and amount meet the approval of the Faculty. Under ordinary circumstances two or more years' work will be required, but in certain exceptional cases work of equal grade at another University may take the place of a year's residence here. Whenever the course of undergraduate study has been less than four years, three years of graduate work will be required. The thesis must be deposited at the Library for public inspection not later than May 1. A good knowledge of Latin, German, and French is required in all cases, unless, for some very exceptional reasons, the candidate be excused by the Faculty. The fee for graduating is ten dollars.

A detailed statement of the graduate instruction of the University, is given in a later part of this catalogue. The principal courses offered in the Sheffield Scientific School are given by the following instructors :

Professor PENFIELD, in Mineralogy and Crystallography.

Professor PIRSSON, in Physical Geology and in Petrology.

Professor BREWER, in Agriculture and Forest Culture, and in Physical Geography.

Professor CLARK, in Determinants and Differential Equations.

Professor RICHARDS, in Mechanical Engineering.

Professor LOUNSBURY, in English Literature.

Professor VERRILL, in Zoology.

Professor S. I. SMITH and Dr. COE, in General Biology, Comparative Anatomy, and Embryology.

Professor DUBOIS, in Civil Engineering.

Professor HASTINGS, in selected subjects in Physics, and guidance in laboratory work.

Professor FARNAM, in Applied Economics.

Professor CHITTENDEN and Assistant Professor MENDEL, in Physiological Chemistry, Physiology, and Experimental Toxicology.

Professor WELLS in Analytical Chemistry, Inorganic Chemistry, and Metallurgy.

Professor BEECHER, in Invertebrate Palaeontology.

Assistant Professor CROSS, in English Literature.

Assistant Professor P. F. SMITH, in the Theory of Plane Curves and the Theory of Surfaces and Curves in Space.

Dr. EVANS, in Structural and Systematic Botany with special reference to the Microscopic Anatomy of Phanerogamous and Cryptogamous Plants.

Assistant Professor CORWIN, in German.

Mr. COMSTOCK and Dr. H. L. WHEELER in Organic Chemistry.

Dr. LOCKE, in the Constitution of Chemical Compounds.

Dr. BOLTWOOD, in Physico-Chemical measurements and Electro-Chemistry.

The same courses of study are open, for a longer or shorter time, to graduate students who do not desire to become candidates for a degree.

Students who have taken the degree of Bachelor of Philosophy, may obtain the degree of CIVIL or of MECHANICAL ENGINEER at the end of two academical years, by pursuing the following higher courses of study and professional training.

The course of study for the degree of CIVIL ENGINEER will comprise—

1. Higher Calculus, Higher Geometry, Theory of Numerical Operations.
2. Analytical Mechanics, Mechanics applied to Engineering.
3. Practical Astronomy, with use of instruments, computations, etc.
4. Construction and Design.
5. Selected subjects in Civil Engineering.
6. Preparation of Theses on special subjects in Engineering.

The course will occupy two years. During the second year candidates may, with the consent of the Professor of Civil Engineering, engage in professional practice.

To secure the requisite amount of professional knowledge and practice, the candidate will be required to furnish a comprehensive report of the results of an examination into the existing condition of some special line of constructive art ; or to present proper evidence that he has had actual charge in the field, for several months, of construction or surveying parties, or held some responsible position deemed equivalent to this.

A design must also be submitted of some projected work, based upon data obtained by the candidate, and comprising all the requisite calculations, and the necessary detailed drawings, accompanied by specifications.

The fee for this degree is five dollars.

The course of study for the degree of MECHANICAL ENGINEER will comprise—

1. Higher Calculus, Higher Geometry, Theory of Numerical Operations.
2. General Principles of Dynamics (Analytical Mechanics), including special application of these principles to dynamic problems.
3. Construction of Machines. Designs.
4. Preparation of Theses on special subjects in Mechanical Engineering.

During the second year, candidates will be permitted to employ such portion of their time as may be deemed advisable or necessary in the examination of engineering works and manufacturing establishments, and may also have the privilege of entering upon professional practice,

provided it is done with the knowledge and consent of the Professor of Mechanical Engineering, and under such circumstances as shall appear to him to be favorable to professional progress.

An elaborate thesis on some professional subject, with an original design, or project, accompanied by proper working drawings, will be required at the end of the second year.

The fee for this degree is five dollars.

**SPECIAL STUDENTS**—For the benefit of those who, being fully qualified, desire to pursue particular studies without reference to the obtaining of a degree, special or irregular students are received in most of the departments of the School; not, however, in the Select Course, nor in the Freshman class.

It should be distinctly understood, however, that these opportunities are not offered to persons who are incompetent to go on with the regular courses, but are designed to aid those who have received a sufficient preliminary education elsewhere to increase their proficiency in special branches.

#### TERMS OF ADMISSION

Candidates must be not less than sixteen years of age, and must bring satisfactory testimonials of moral character from their former instructors or other responsible persons.

For admission to the Freshman class the student must pass a thorough examination in the subjects mentioned below. The subjects required for the full entrance examination are as follows:

1. *English Grammar*—Whitney's *Essentials of English Grammar*, or an equivalent.
2. *English Literature*—Preliminary [see page 151].
3. *English Literature*—Final [see page 152].
4. *History of England*.



5. *History of the United States.*

In history, a thorough acquaintance with some one of the more recent and accurate text-books (such as Ransome's *Short History of England*, and Montgomery's *Students' American History*, or Channing's *Students' History of the United States*) is expected. The examination, however, is not designed as a memory test merely, but will call for comparison and the exercise of judgment. To this end and in order to create a live interest in the subject, it is strongly recommended that the student be urged to follow, under his teacher's guidance, a course of supplementary reading, so arranged as to cover the more important periods and events, especial attention being given to constitutional growth and the principles of government.

6. *Latin Grammar and Composition*—The examination in Latin Grammar will be based on connected passages taken from the first and second books of Caesar's *Gallic War*. The exercises set for translation from English into Latin will involve the vocabulary and idiom of these two books.

7. *Caesar or Nepos*—The first four books of the *Gallic War*.

The first twelve of *Lives*, as they appear in the Teubner edition, will be accepted as an equivalent for the third and fourth books of Caesar. For the first and second books of Caesar no equivalent will be accepted.

8. *Vergil or Cicero*—The first three books of the *Aeneid*. This involves an ability to scan Latin hexameters.

Cicero's orations against Catiline and for Archias may be offered in place of Vergil.

In order to allow the preparatory schools still further freedom in arranging their courses of work, examination papers will be prepared on other equivalents of the texts mentioned above, provided a sufficient number of candidates apply to the Registrar of the Sheffield Scientific School for such a paper before May 1.

9. *German or French*—Candidates will be required to translate at sight simple prose selections from German or French authors, and to have such a knowledge of grammar as will enable them to read the selections intelligently. This implies familiarity with the declensions of nouns, adjectives, and pronouns, with the conjugation and inflection of verbs, and with the syntax of cases. An ability to translate simple sentences from English into German or French will also be requisite.

The candidate is at liberty to decide for himself in which of the two languages he shall be examined.

10. *Algebra to Quadratics*—Fundamental Operations, Fractions, Equations of the First Degree, with one or several unknown quantities, Inequalities, Powers and Roots, including the Theory of Exponents, the Binomial Formula for a Positive Entire Exponent, and the Transformation and Reduction of Radicals.
11. *Algebra from Quadratics*—Equations of the Second Degree, Ratio and Proportion, Progressions, Continued Fractions, Permutations and Combinations, the Doctrine of Limits, the Nature of Series, the Method of Indeterminate Coefficients, Fundamental Properties of Logarithms, Compound Interest, and Annuities.
12. *Plane Geometry*—Including fundamental notions of Symmetry, and examples of Loci and Maxima and Minima of Plane Figures, so much, for example, as is contained in the first five books and the appendix of Phillips and Fisher's *Geometry*.
13. *Solid and Spherical Geometry*—So much, for example, as is contained in the last four books of Phillips and Fisher's *Geometry*.
14. *Trigonometry and the use of Logarithms*—Including the Analytical Theory of the Trigonometrical Functions, and the usual formulae; the Construction and Use of Trigonometrical Tables; and the Solution of Plane Triangles:—so much, for example, as is contained in the first six chapters of Newcomb's larger *Trigonometry* and in articles 75-78 of chapter viii, with the explanation of the first five tables in Newcomb's five-figure *Logarithmic and Trigonometric Tables*, which are furnished at the examinations in New Haven. Candidates examined elsewhere are provided with Beebe's four-place tables, published by H. H. Peck, New Haven.
15. *Botany*—The requirements will include a knowledge of the structure and of the principles of classification of flowering plants, together with matters pertaining to fertilization and the dissemination of seeds. Gray's *Elements of Botany*, or Bergen's *Elements of Botany*, is recommended as a suitable aid in preparing for the examination. It is desirable that the candidate should have had some experience in the analysis of common flowering plants.

In his preparation in GEOMETRY, the candidate should, as far as practicable, have suitable exercises in proving simple theorems and in solving simple problems for himself. It is important, too, that he should be accustomed to the numerical application of geometric principles, and especially to the prompt recollection and use of the elementary formulae of mensuration. In TRIGONOMETRY, he should be exer-

cised in applying the usual formulæ to a variety of simple reductions and transformations, including the solution of trigonometrical equations. Readiness and accuracy in trigonometrical calculations are also of prime importance to the candidate. If the use of logarithms is postponed in his preparation till Trigonometry is taken up (which is by no means necessary or advisable), he should then have abundant applications of them to all forms of calculation occurring in ordinary practice, as well as to those appearing in the solutions of triangles. Finally, in all his calculations, he should study the art of neat and orderly arrangement.

IN ENGLISH LITERATURE the following requirements are to be noted :

I. READING AND PRACTICE—A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books.

In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

The books set for this part of the examination will be :—

Preliminary Examination in 1898, for the class entering in 1899 : Dryden's *Palamon and Arcite* ; Pope's *Iliad*, Books i, vi, xxii, and xxiv ; *The Sir Roger de Coverley Papers* in *The Spectator* ; Goldsmith's *The Vicar of Wakefield* ; Coleridge's *The Ancient Mariner* ; DeQuincey's *The Flight of a Tartar Tribe* ; Cooper's *The Last of the Mohicans* ; Lowell's *The Vision of Sir Launfal* ; Hawthorne's *The House of the Seven Gables*.

Preliminary Examination in 1899, for the class entering in 1900 : Dryden's *Palamon and Arcite* ; Pope's *Iliad*, Books i, vi, xxii, and xxiv ; *The Sir Roger de Coverley Papers* in *The Spectator* ; Goldsmith's *The Vicar of Wakefield* ; Scott's *Ivanhoe* ; DeQuincey's *The Flight of a Tartar Tribe* ; Cooper's *The Last of the Mohicans* ; Tennyson's *The Princess* ; Lowell's *The Vision of Sir Launfal*.

Preliminary Examination in 1900 and in 1901, for the classes entering in 1901 and in 1902 : Shakespeare's *The Merchant of Venice* ; Pope's *Iliad*, Books i, vi, xxii, and xxiv ; *The Sir Roger de Coverley Papers* in *The Spectator* ; Goldsmith's *The Vicar of Wakefield* ; Coleridge's *The*

*Ancient Mariner* ; Scott's *Ivanhoe* ; Cooper's *The Last of the Mohicans* ; Tennyson's *The Princess* ; Lowell's *The Vision of Sir Launfal* ; George Eliot's *Silas Marner*.

II. STUDY AND PRACTICE—This part of the examination presupposes more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure, and will also test the candidate's ability to express his knowledge with clearness and accuracy. In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

The books set for this part of the examination will be :

Final Examination in 1899: Shakespeare's *Macbeth* ; Milton's *Paradise Lost*, Books i and ii ; Burke's *Speech on Conciliation with America* ; Carlyle's *Essay on Burns*.

Final Examination in 1900: Shakespeare's *Macbeth* ; Milton's *Paradise Lost*, Books i and ii ; Burke's *Speech on Conciliation with America* ; Macaulay's *Essays on Milton and Addison*.

Final Examination in 1901 and in 1902: Shakespeare's *Macbeth* ; Milton's *Lycidas*, *Comus*, *L' Allegro*, and *Il Penseroso* ; Burke's *Speech on Conciliation with America* ; Macaulay's *Essays on Milton and Addison*.

For candidates who take a complete examination in English at a single session, this examination will cover the books set for the final examination in that year, together with those set for the preliminary examination in the preceding year ; for example, the complete examination in 1899 will cover the books set for the final examination in 1899, together with those set for the preliminary examination in 1898.

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or divisions into paragraphs.

Candidates are allowed to divide the examination, first taking any five or more of the whole number of subjects at a regular examination, either in June or September, and then completing it at either of the examinations in the next calendar year. At the first, or preliminary, examination, each candidate must submit a statement from his principal instructor of the subjects which he is authorized to offer. No preliminary certificate will be given for this examination, unless at least five of the above fifteen subjects have been passed satisfactorily.

THE REGULAR EXAMINATION FOR ADMISSION in 1899 will be held in New Haven at North Sheffield Hall, on Thursday, Friday, and Saturday, June 29 and 30, and July 1, beginning at 9 A. M. on Thursday. *Attendance is required at the opening of the examination, at 9 A. M. on Thursday.*

In 1899, examinations (for the Freshman class only) will also be held in

Albany, N. Y., at the Albany Academy ;  
Andover, Mass., at Phillips Academy ;  
Auburn, N. Y., at the High School ;  
Buffalo, N. Y., at the Central High School  
Chicago, Ill., at the Bryant & Stratton Business College, northwest corner of Wabash avenue and Congress street ;  
Cincinnati, O., at the Hughes High School, 5th street, head of Mound ;  
Cleveland, O., at the University School, Haugh avenue and Giddings street ;  
Columbus, O., at the High School ;  
Concord, N. H., at St. Paul's School ;  
Denver, Col., at the East Denver High School ;  
Detroit, Mich., at 36 Putnam avenue ;  
Easthampton, Mass., at Williston Seminary ;  
Exeter, N. H., at Phillips Academy ;  
Groton, Mass., at Groton School ;  
Kansas City, Mo., at the Kansas City High School, southeast corner of 11th and Locust streets ;  
Knoxville, Tenn., at the University School ;  
Lakeville, Conn., at the Hotchkiss School ;  
Lawrenceville, N. J., at the Lawrenceville School ;  
Louisville, Ky., at the Male High School ;  
Milwaukee, Wisc., at the Milwaukee Academy, 471 VanBeuren street ;  
New York City, at the Y. M. C. A. building, 23d street and 4th avenue ;  
Norwich, Conn., at the Free Academy ;  
Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street ;  
Pittsburg, Pa., at Shady Side Academy ;  
Pomfret, Conn., at the Pomfret School ;  
Portland, Oregon, at the Bishop Scott Academy ;  
Pottstown, Pa., at the Hill School ;  
San Francisco, Cal., at the Urban School, 2124 California street ;

in St. Louis, Mo., at the Board of Education Building, corner 9th and Locust streets ;

St. Paul, Minn., at the High School ;

Scranton, Pa., at the School of the Lackawanna ;

Sing Sing, N. Y., at Dr. Holbrook's Military Academy ;

Southboro, Mass., at St. Mark's School ;

Tacoma, Wash., at the Tacoma Academy ;

Washington, D. C., in the examining-room of the Patent Law Association, S. E. corner 9th and F sts., N. W.

Candidates who propose to be present elsewhere than in New Haven are requested to send their names to the Registrar of the School, before June 1. A fee of five dollars, payable at the place of examination, will be charged for admission to the examinations outside of New Haven.

A second examination is held, *in New Haven only*, at the beginning of the college year, on Monday, Tuesday, and Wednesday, September 25, 26, and 27, 1899. Candidates for this examination must be present at North Sheffield Hall at 2 P. M. on Monday.

#### ORDER OF EXAMINATIONS IN JUNE, 1899

*Thursday, June 29*

##### MORNING

[Session begins at 9.00 A. M.]

Latin Grammar and Composition,	. . . . .	9.40—10.40
Caesar,	. . . . .	10.45—11.30
Vergil,	. . . . .	11.35—12.30

##### AFTERNOON

Botany,	. . . . .	3.00— 3.30
German or French,	. . . . .	3.35— 4.35
Plane Geometry,	. . . . .	4.40— 6.00

*Friday, June 30*

##### MORNING

Solid and Spherical Geometry,	. . . . .	9.00—10.30
English Grammar,	. . . . .	10.35—11.05
English Literature, (preliminary)	. . . . .	11.05—11.55
English Literature, (final)	. . . . .	12.00— 1.00

## AFTERNOON

Algebra to Quadratics,	. . . . .	3.00— 4.25
Algebra from Quadratics,	. . . . .	4.30— 6.00

*Saturday, July 1*

History of the United States,	. . . . .	9.00— 9.45
History of England,	. . . . .	9.50—10.35
Trigonometry and Logarithms,	. . . . .	10.40— 1.00

## ORDER OF EXAMINATIONS IN SEPTEMBER, 1899

*Monday, September 25*

[Session begins at 2.00 P. M.]

Latin Grammar and Composition,	. . . . .	2.30— 3.30
Caesar,	. . . . .	3.35— 4.25
Vergil,	. . . . .	4.30— 5.30

*Tuesday, September 26*

## MORNING

Botany,	. . . . .	9.00— 9.30
German or French,	. . . . .	9.35—10.35
Plane Geometry,	. . . . .	10.40—12.00

## AFTERNOON

Solid and Spherical Geometry,	. . . . .	2.00— 3.30
English Grammar,	. . . . .	3.35— 4.05
English Literature, (preliminary)	. . . . .	4.10— 5.00
English Literature, (final)	. . . . .	5.00— 6.00

*Wednesday, September 27*

## MORNING

Algebra to Quadratics,	. . . . .	9.00—10.30
Algebra from Quadratics,	. . . . .	10.40—12.10

## AFTERNOON

History of the United States,	. . . . .	2.00— 2.45
History of England,	. . . . .	2.50— 3.35
Trigonometry and Logarithms,	. . . . .	3.40— 6.00

In general, examinations for admission to the *next* Freshman class can be held only in July and September as specified; if in any case sufficient reason exists for an exception to this rule, a special fee (not exceeding fifty dollars) will be charged.

All candidates for advanced standing are examined, in addition to the preparatory studies, in the studies already pursued by the class which they wish to enter. No one is admitted as a candidate for a degree later than at the beginning of the Senior year.

#### INSTRUCTION FOR UNDERGRADUATE STUDENTS

COURSES OF INSTRUCTION, occupying three years, are arranged to suit the requirements of various classes of students. The first year's work is the same for all, and is a general preparation for the advanced and special work of the later courses. The instruction of this year has a general scientific basis of mathematics, chemistry, and physics. In addition to these studies special attention is given to English and the modern languages. For the other years, the instruction is chiefly arranged in Special Courses. Modern languages are, however, studied by all of the students, irrespective of the special course which they may elect. They have the choice between French and German as a requisite to admission, the language taken in the entrance examinations being continued through Freshman and Junior years, while the other language is begun in Junior year and carried through to the end of Senior year. The Courses most distinctly marked out are :

- |   |                                  |
|---|----------------------------------|
| (a.) In Chemistry ;   | (b.) In Civil Engineering ;      |
| (c.) In Mechanical Engineering ;                              | (d.) In Electrical Engineering ; |
| (e.) In Agriculture ;   | (f.) In Natural History ;        |
| (g.) In Mineralogy and other studies preparatory to Geology ; |                                  |
| (h.) In Biology preparatory to Medical studies ;              |                                  |
| (i.) In studies preparatory to Mining and Metallurgy ;        |                                  |
| (j.) In Select studies preparatory to other higher studies.   |                                  |

The arrangement of studies is indicated in the annexed scheme. A fuller statement of the methods and character of the instruction will be found below, pp. 163 to 179. Unless otherwise specified, the number of hours given means hours per week.



## FRESHMAN YEAR: INTRODUCTORY TO ALL COURSES

FIRST TERM:—*German or French*—3 hrs. *Mathematics*—Plane Analytical Geometry, 3 hrs. *Physics*—Recitations, 2 hrs.; Experimental Lectures, 2 hrs. *Chemistry*—Mixer's; Recitations, 2 hrs.; Laboratory Practice, 3 hrs. *English*—Lounsbury's History of the English Language, 2 hrs. *Elementary Drawing*—Practical lessons in the Art School, 3 hrs.

SECOND TERM:—*German or French, Physics and Chemistry*—as stated above. *Mathematics*—Plane Analytical Geometry, continued; the Derivatives of Algebraic Functions; Fundamental Properties of Equations; Solution of Numerical Equations; 3 hrs. *English*—Shakespeare, Wordsworth, Tennyson, and Browning, 2 hrs. *Drawing*—Principles of Orthographic, Isometric, and Oblique Projection; Intersection and Development of Surfaces; Outlines of Shadows; Shading and Tinting; Elements of Perspective; Examples of various applications of Instrumental Drawing; 3 hrs.

NOTE. The Freshman class is divided, as soon as practicable, into several divisions according to scholarship, and an opportunity to make more rapid progress is thus given to the more proficient.

For the Senior and Junior years, the students select for themselves one of the following Courses:

## (a.) IN CHEMISTRY:

## JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs.; *Qualitative Analysis*—Recitations and Lectures, 4 hrs.; Laboratory Practice, 15 hrs. *Mineralogy*—Blowpipe Practice and Determinative Mineralogy, 4 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Organic Chemistry*—Laboratory Practice, 15 hrs. for 4 weeks; Lectures and Recitations, 2 hrs. *Quantitative Analysis and Inorganic Preparations*—Laboratory Practice after 4 weeks, 15 hrs.; Recitations, 2 hrs. *Mineralogy*—Blowpipe Analysis and Determination of Species, 3 hrs.; Lectures in Crystallography and Descriptive Mineralogy, 2 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

## SENIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Recitations and Lectures, 2 hrs. *General and Theoretical Chemistry*—Recitations, 3 hrs. *Quantitative Analysis*—15 hrs. *Geology*—Recitations, 3 hrs. *French or German*—3 hrs.

SECOND TERM:—*Physical Chemistry*—Recitations, 3 hrs. *Inorganic Preparations* followed by *Organic Preparations*, 15 hrs. *General*

*Chemistry, Metallurgy, Assaying, and Gas Analysis*—2 hrs. *Geology*—3 hrs. *Mineralogy*—(optional). *Elementary Petrology*—Lectures (optional) 1 hr. *French or German*—3 hrs.

### (b.) IN CIVIL ENGINEERING :

#### JUNIOR YEAR :

**FIRST TERM** :—*Mathematics*—Analytical Geometry of Three Dimensions ; Differential Calculus, with applications to Geometry, Kinematics, and Analysis ; 5 hrs. *Mechanics*—Kinematics, 1 hr. *Surveying*—Field-work, first three weeks in September ; Mapping, 12 hrs. until November. *Spherical Trigonometry*—4 hrs. *German*—3 hrs. *French*—3 hrs.

**SECOND TERM** :—*Mathematics*—Integral Calculus with applications to Geometry, 5 hrs. *Mechanics*—Kinematics, 1 hr. *Drawing*—Descriptive Geometry, 8 hrs. ; Topographical drawing ; Practice in working-drawings ; 6 hrs. *Surveying*—Topographical and Railroad curves, 16 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

#### SENIOR YEAR :

**FIRST TERM** : *Field Engineering*—Location of line of Railroad ; first three weeks in September. Office-work ; mapping ; calculation of earthwork ; lectures on economic location ; 6 hrs. *Railroad Economics*—Lectures, 2 hrs. *Mechanics*—Statics, 3 hrs. *Civil Engineering*—Mechanics applied to Engineering ; Strength of Materials ; Bridges and Roofs ; 6 hrs. *Geology*—Recitations, 3 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 8 hrs. *French or German*—3 hrs.

**SECOND TERM** :—*Civil Engineering*—Bridges and Roofs ; Building Materials ; Stability of Arches and Walls ; Foundations ; 6 hrs. Roads, Pavements, and Sewers, 3 hrs. *Mechanics*—Applied Mechanics, 6 hrs. *Hydraulics*—Hydraulics and Hydraulic Motors, 3 hrs. *Drawing*—Designing ; Practical Problems ; Specifications and Estimates ; 12 hrs. *Astronomy*—Practical Astronomy, with field-work ; Adjustment of observations ; Theory of Least Squares ; 6 hrs. *Geology*—3 hrs. *Elementary Petrology*—Lectures (optional) 1 hr. *French or German*—3 hrs.

### (c.) IN MECHANICAL ENGINEERING :

#### JUNIOR YEAR :

**FIRST TERM** :—*Mathematics*—Analytical Geometry of Three Dimensions ; Differential Calculus, with applications to Geometry, Kinematics, and Analysis ; 5 hrs. *Thermodynamics*, 2 hrs. *Principles*

of *Mechanism*—Applied Kinematics, 2 hrs. *Drawing*—Descriptive Geometry, 3 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus, with applications to Geometry, 5 hrs. *Shop Visiting*—Study of Machine Details and Tools, 1½ hrs. *Thermodynamics* until about April, afterwards *Theoretical Mechanics*; 2 hrs. *Drawing*—Machine Elements and Mechanical Movements, 3 hrs. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

#### SENIOR YEAR:

FIRST TERM: *Theoretical Mechanics*—3 hrs. *Study of Heat Engines and the Steam-Boiler*—4 hrs. *Mechanics of Materials*—2 hrs. *Machine Designing*—Practical Exercises in Designing Machine-Details and Simple Machines, 8 hrs. *Visits of Inspection*—Examination of Machinery in Operation; Reports of Visits. *French or German*—3 hrs. *Blowpipe Analysis and Determinative Mineralogy* (optional)—3 hrs.

SECOND TERM:—*Theoretical Mechanics*—continued, 3 hrs. *Study of Heat Engines and the Steam Boiler*, continued until about March—3 hrs. *Stresses in Structures*—3 hrs. after February. *Hydrostatics and Hydrodynamics*—Including Resistance of Ships and Theory of Water-Wheels and Turbines, 3 hrs. *Machine Designing*—continued, 8 hrs. *French or German*—3 hrs. *Mineralogy* (optional)—3 hrs.

### (d.) IN ELECTRICAL ENGINEERING:

#### JUNIOR YEAR:

FIRST TERM:—*Mathematics*—Analytical Geometry of Three Dimensions; Differential Calculus, with applications to Geometry, Kinematics, and Analysis; 5 hrs. *Theory of Heat*—2 hrs. *Descriptive Geometry*—3 hrs. *Mechanism*—2 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Mathematics*—Integral Calculus, with applications to Geometry, 5 hrs. *Theory of Electricity*—2 hrs. *Descriptive Geometry and Drawing*—3 hrs. *Mechanism* followed by *Shop-Visiting*—2 hrs. *English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

#### SENIOR YEAR:

FIRST TERM:—*Theory of Observations and Theory of Instruments*—5 hrs. *Laboratory Work*—6 hrs. *Machine Designing*—6 hrs. *Study of the Steam Engine*—2 hrs. *French or German*—3 hrs.

SECOND TERM:—*Theory of Electricity*—5 hrs. *Laboratory Work*—6 hrs. *Machine Designing*—6 hrs. *Steam Engine*—2 hrs. *French or German*—3 hrs.

## (e.) IN AGRICULTURE:

## JUNIOR YEAR:

The course is identical with that in Chemistry, except that in the second term lectures in Crystallography and Descriptive Mineralogy are omitted, and in the Spring half-term Botany is substituted for Determinative Mineralogy.

## SENIOR YEAR:

FIRST TERM:—*Agriculture*—Recitations, 2 hrs. *Agricultural Chemistry* (Chemical Physiology of Vegetation)—Lectures, 2 hrs. *Geology*—Recitations, 3 hrs. *Zoology*—Lectures, 2 hrs. *Meteorology*—Lectures, 2 hrs. *Botany*—Laboratory Practice, 5 hrs. *French or German*, 3 hrs.

SECOND TERM:—*Agriculture*—Recitations or Lectures, 2 hrs. *Agricultural Chemistry*—Lectures, 2 hrs. *Physiology*—Recitations and Lectures, 2 hrs. *Geology*—Recitations, 3 hrs. *Zoology*—continued, 2 hrs. *Heredity and Stock-Breeding*—Lectures, 2 hrs. during Winter half-term. *Sanitary Science and Public Health*—Lectures, 2 hrs. during Spring half-term. *French or German*—3 hrs.

## (f.) IN NATURAL HISTORY:

Either Zoology or Botany may be made the principal laboratory study, some attention in each case being directed to the other branches of Natural History.

## JUNIOR YEAR:

FIRST TERM:—*Organic Chemistry*—Lectures and Recitations, 2 hrs. *Qualitative Analysis*—Recitations and Lectures, 4 hrs. Laboratory Practice, 15 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 3 hrs. *Physical Geography*—2 hrs. *German*—3 hrs. *French*—3 hrs.

SECOND TERM:—*Zoology*—Laboratory Practice, 6 to 12 hrs.; Recitations and lectures; Excursions (land and marine). *Botany*—Laboratory Practice in a study of the Morphology of the lower Cryptogamous Plants, 3 hrs. during Spring half-term. *Physiology*—Recitations and Lectures, 2 hrs. *Embryology*—Lectures. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 4 hrs. *Physical Geography*—2 hrs. during Winter half-term. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

## SENIOR YEAR:

FIRST TERM:—*Geology*—Recitations, 3 hrs. *Zoology*—Laboratory Practice, 8 to 15 hrs.; Lectures, 2 hrs.; Recitations, 3 hrs.; Excursions. *Botany*—Laboratory Practice in the study of the Morphology

of the higher Cryptogamous and Phanerogamous Plants, 6 hrs.; *Meteorology*—Lectures, 2 hrs. *French or German*—3 hrs.

SECOND TERM :—*Geology*—Recitations, 3 hrs. *Anatomy of Vertebrates*—2 hrs. *Zoology*—Laboratory Practice, 8 to 15 hrs.; Recitations, 2 hrs.; Lectures, 2 hrs. *Botany*—Herbarium Studies, in any desired line; Botanical Literature; Essays in Descriptive Botany. *Sanitary Science, Laws of Heredity, and Principles of Breeding*—Lectures. *French or German*—3 hrs.

Besides the regular course of recitations and lectures on structural and systematic Zoology and Botany, and on special subjects, students are taught in the laboratories to prepare, arrange, and identify collections, to make dissections, to pursue investigations, and when sufficiently advanced, to describe genera and species in the language of science. For these purposes, large collections in Zoology and Botany belonging to the University are available.

#### (g.) IN MINERALOGY AND OTHER STUDIES PREPARATORY TO GEOLOGY :

##### JUNIOR YEAR :

In Junior year the course is identical with that in Chemistry.

##### SENIOR YEAR :

FIRST TERM :—*Crystallography*, including the use of the Goniometer and the measurement, drawing, and calculation of Crystals—Lectures or Recitations, 2 hrs.; Laboratory Practice, 15 hrs. *Advanced Course in Descriptive Mineralogy*—Lectures, 1 hr. *Determinative Mineralogy. Geology*—Recitations, 3 hrs. *Zoology*—Lectures, 2 hrs. *French or German*—3 hrs.

SECOND TERM :—*Optical Properties of Crystals* followed by *Petrography*, including the use of the Polarizing Microscope—Recitations, 2 hrs.; Laboratory Practice, 15 hrs. *Descriptive Mineralogy*, continued—1 hr. *Determinative Mineralogy*, continued. *Geology*—continued, 3 hrs. *Zoology*, continued—2 hrs. *French or German*—3 hrs.

Only a limited number will be admitted to this course.

#### (h.) IN BIOLOGY PREPARATORY TO MEDICAL STUDIES :

##### JUNIOR YEAR :

FIRST TERM :—*Organic Chemistry*—Lectures and Recitations, 2 hrs. *Qualitative Analysis*—Laboratory Practice, 15 hrs.; Recitations and Lectures, 4 hrs. *Mineralogy*—Blowpipe Analysis and Determinative Mineralogy, 3 hrs. *German*—3 hrs. *French*—3 hrs.

**SECOND TERM :—***Comparative Anatomy and General Biology*—Lectures, Recitations and Laboratory Practice, 15 hrs.; *Physiology*—Recitations, 2 hrs. *Embryology*—Lectures during the Spring half-term, 1 hr. *Organic Chemistry*—continued, 15 hrs. for four weeks and 2 hrs. for rest of term. *Laboratory Physics*—4 hrs. during Spring half-term. *Mineralogy*—continued through Winter half-term, 4 hrs. *Botany*—Laboratory Practice in a study of the Morphology of the lower Cryptogamous Plants, 3 hrs. during Spring half-term. *Exercises in English Composition*—1 hr. *French*—3 hrs. *German*—3 hrs.

#### SENIOR YEAR :

**FIRST TERM :—***Physiological Chemistry and Physiology*—Recitations and Lectures, 1 hr.; Laboratory Practice, 13 hrs. *Organic Chemistry*—Lectures and Recitations, 2 hrs. *Zoology*—Lectures, 2 hrs. *Botany*—Laboratory Practice in the study of the Morphology of the higher Cryptogamous and Phanerogamous Plants, 6 hrs. *Geology*—Recitations, 3 hrs. *French or German*—3 hrs.

**SECOND TERM :—***Physiological Chemistry, Physiology, and Experimental Toxicology*—Illustrative Lectures and Recitations, 4 hrs., Laboratory Practice, 13 hrs. *Organic Chemistry*—2 hrs. during Winter half-term. *Geology*—Recitations, 3 hrs. *Zoology*—Laboratory work in the dissection of typical Animal Forms, 4 hrs. *Sanitary Science*—Lectures, 2 hrs. during Spring half-term. *Laws of Heredity and Principles of Breeding*—Lectures, 2 hrs. during Winter half-term. *French or German*—3 hrs.

#### (i.) IN STUDIES PREPARATORY TO MINING AND METALLURGY :

Young men desiring to become Mining Engineers can pursue the regular Course in Civil or Mechanical Engineering, and at its close can spend a fourth year in the study of Metallurgical Chemistry, Mineralogy, etc.

#### (j.) IN SELECT STUDIES PREPARATORY TO OTHER HIGHER STUDIES :

#### JUNIOR YEAR :

**FIRST TERM :—***Physical Geography*—Recitations from Warren, and Lectures, 4 hrs. *English*—Early English, 2 hrs. *History*—Ancient and Medieval, 5 hrs. *French*—3 hrs. *German*—3 hrs.

**SECOND TERM :—***Botany*—Lectures ; Laboratory Practice in the study of Phanerogamous Plants, 4 hrs. during Spring half-term. *Astronomy*—4 hrs. during Winter half-term. *English*—Chaucer, Bacon, Shakespeare, 3 hrs. *History*—Medieval and Modern, with special reference to the History of England, 4 hrs. during Winter half-term ; 5 hrs. during Spring half-term. *Exercises in English Composition*—1 hr. *German*—3 hrs. *French*—3 hrs.

SENIOR YEAR :

**FIRST TERM :—***Geology*—Recitations, 3 hrs. ; Excursions. *English*—Shakespeare, 4 hrs. *Economics*—4 hrs. *Constitutional History of the United States*—3 hrs. *French or German*—3 hrs.

**SECOND TERM :—***Geology*—continued, 3 hrs. *Heredity*—Lectures, 2 hrs. during Winter half-term. *Meteorology*—Lectures, 2 hrs. during Winter half-term. *Sanitary Science*—Lectures, 2 hrs. during Spring half-term. *Economics*—Recitations, Exercises, and Lectures, 4 hrs. during Winter half-term, 2 hrs. during Spring half-term. *History*—Constitutional History of the United States, continued, 2 hrs. during Winter half-term. *Political Science*—4 hrs. during Spring half-term. *English*—Shakespeare, Milton, Dryden, Pope, Gray, and later authors, 3 hrs. during Winter half-term, 4 hrs. during Spring half-term. *French or German*—3 hrs.

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Lectures and instruction in Military Science are given to the Senior class by the Professor of Military Science and Tactics, once a week during the Fall term.

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The following account of the various subjects specified in the above scheme will explain the character and aim of the instruction.

**ELEMENTARY CHEMISTRY**—The exercises in Elementary Chemistry consist in recitations from a text-book, and experiments by the students in the laboratory to illustrate statements in the book. The object of the laboratory work is to facilitate the study of the subject, and to train the students in manipulation and in the observation of chemical phenomena. Notes are required, and students are questioned on the experiments.

**ANALYTICAL CHEMISTRY**,—*Qualitative and Quantitative*.—This study is intended to serve two purposes. Analytical Chemistry is used by the advanced student as a means of investigation in scientific or technical researches. The beginner, however, derives from its study advantages

of another kind. The knowledge of the properties of chemical compounds, the familiarity with chemical reactions gained by experience in the laboratory, and the development of the reasoning faculties by the application of this knowledge in analytical processes, enable the student to generalize and classify chemical phenomena, and aid him to understand the more abstract theories of chemical philosophy. The method of instruction adopted conforms to this view of the uses of the study. Text-books are used and recitations are required, but the more important part of both study and instruction is performed in the laboratory. In order to solve the problems which are there constantly presented, the student, aided by books and instructors, must learn both principles and their applications. The student, throughout his course in Analytical Chemistry, spends three consecutive hours in laboratory work during five days of the week. The laboratory, however, is kept open seven hours daily for the benefit of graduate students and others who desire to devote more time to this study.

Qualitative Analysis forms a part of the courses in Chemistry, Biology, Agriculture, and Natural History. Quantitative Analysis is one of the more important studies of the Senior year in the Chemical Course. It is also included to some extent in the Agricultural Course.

**GENERAL AND THEORETICAL CHEMISTRY**—This subject occupies three hours a week during the first term of the Senior year, with about fifteen recitations in the second term in the Course in Chemistry. Remsen's *Inorganic Chemistry* is used as a text-book, and regular recitation work is supplemented, as occasion demands, by oral instruction. The course is designed to present to the student such a general view of Inorganic Chemistry as will enable him to appreciate the investigations which are being carried on at the present time in this department, and will also give him a knowledge of the fundamental principles involved in the chemical processes used in the arts.

**PHYSICAL AND ELECTRO-CHEMISTRY**—The subject of Physical Chemistry which occupies three hours a week throughout the first half of the second term consists of recitation work supplemented by occasional lectures. The ground covered includes the most important theories and methods of this branch of the science. Ostwald's *Outlines of General Chemistry* is used as the text-book.

The subject of Electro-Chemistry, which is taken up in the second half-term, is treated chiefly from a theoretical standpoint, although considerable attention is given to the technical side of the subject. The time occupied is three hours per week and LeBlanc's *Principles of Electro-Chemistry* is used as the text-book. Opportunities for special laboratory work in this subject are given to students who are sufficiently proficient.



**ORGANIC CHEMISTRY**—The course in Organic Chemistry is a combination of text-book work with experimental lectures. The class has two exercises weekly from the commencement of Junior year to the end of the first half of the second term of Senior year. Laboratory work in this department of Chemistry is required during the first term of Junior year and the first half of the second term of Senior year.

Opportunity is also afforded for the carrying on of original investigations in this subject, either in connection with theses, or as a part of the regular work in the case of advanced students.

**PHYSIOLOGY**—Elementary Physiology is taught by recitations and demonstrations, being designed especially for Junior students in the Biological course. In Senior year, particular attention is paid to the physiology of digestion and nutrition in connection with the study of Physiological Chemistry.

In experimental physiology the various graphic methods are illustrated and applied to the study of the phenomena of the muscular and nervous systems, the circulation, respiration, etc. The work in the laboratory involves the use of the ordinary forms of apparatus for physiological investigation. Stress is laid not alone upon the phenomena of the animal functions, but the topics selected are intended to familiarize the student with the problems and methods of scientific research in this domain. The more advanced students are kept in touch with progress in physiology by a physiological seminary.

**PHYSIOLOGICAL CHEMISTRY and EXPERIMENTAL TOXICOLOGY**—Physiological Chemistry is taught by laboratory exercises, illustrative lectures, and recitations. Each student is provided with a suitable working place in the laboratory, well equipped with all needed apparatus and material. The regular course of work, designed especially for Senior students in the Biological Course, extends through one year and embraces a thorough study of the chemical composition of the various tissues and fluids of the body, together with a study of the chemical and physiological processes of respiration, digestion, secretion, excretion, and nutrition in general.

Beginning with a study of the albuminous bodies, the experimental work extends through the epithelial, connective, contractile, and nervous tissues. Proceeding then to digestion, the various digestive fluids are studied, artificial digestions are made, and the several products of digestive action isolated and studied. The blood and urine are next considered, and students are taught to make both qualitative and quantitative analyses of the latter and to identify abnormal constituents. A portion of one term is also devoted to a study of the chemical reactions of the more important mineral and organic poisons, and their physio-

logical action is determined experimentally. Students are also taught how to separate poisons from organic tissues and fluids, and to identify them, both by chemical and physiological reaction. During the latter half of the second term of Senior year, opportunity is afforded for the carrying on of original investigations on some selected subject in either physiological chemistry or toxicology, in connection with the preparation of graduating theses. This course of work is particularly recommended to students intending to enter upon a course of medical studies.

COMPARATIVE ANATOMY and GENERAL BIOLOGY are taught by laboratory work, lectures, and frequent examinations. The regular course of instruction, intended especially for Juniors in the Biological Course, extends through the second term, and is designed to give the student the mental and manual training in the methods of investigation by which the facts and principles of these sciences have been established, and at the same time to give him a sufficient knowledge of their elements to enable him to pursue with profit the more special studies which follow.

The course begins with the general anatomy of the vertebrate type, in connection with the study of Elementary Physiology. Dissections of the frog and mammal are made under the immediate supervision of the instructor, and the student is required to make careful sketches and records of his work, which is supplemented by demonstrations and informal lectures. Some of the simpler forms of plants and animals are next studied microscopically, the methods of microscopical investigation taught, and the general facts of cell-structure illustrated. The histology of the higher animals is then studied in more detail, microscopical preparations of the principal tissues and organs are made and examined, the general principles of the morphology of the tissues are illustrated, and the student is specially drilled in distinguishing the different tissues under the microscope. During the Spring term, instruction in embryology, with special reference to human morphology, is given by a short course of lectures and demonstrations.

Opportunity is also afforded for a short course of laboratory work in Bacteriology to such students as have sufficient time and are properly qualified.

GEOLOGY—The course in Geology includes recitations and oral instruction, extending through the year. During the first half-year, the recitations are attended by the entire Senior class, except those in the courses in Mechanical and Electrical Engineering. This part of the course includes Physical, Lithological, and Dynamical Geology. These subjects are illustrated by diagrams and specimens.

The last half-term of the year is devoted to Historical Geology and Palaeontology. This part of the course is pursued by all the Seniors except those in the Engineering courses. Suitable collections of fossils are used to illustrate the subject.

Opportunities are afforded for optional geological excursions during the warmer months.

**MINERALOGY**—The instruction in Mineralogy is carried on by means of practical work in a laboratory especially fitted up for the purpose, and is intended to familiarize the student with the common minerals, attention being devoted especially to those which are of economic, geological, or scientific importance. To understand better the chemistry of the subject, the student is first made familiar with the simple chemical and blowpipe reactions useful in testing minerals, and applies this knowledge later to the determination of unknown species. The students have access to a labeled collection, where they can study the properties of the minerals and make comparisons, and also to extensive unlabeled collections, arranged especially to give them practice and facility in the correct identification of minerals. In addition to the laboratory work, instruction is given in Crystallography, illustrated by a collection of models and natural crystals. The lectures in Descriptive Mineralogy to the more advanced students are illustrated by means of the extensive private collection of Professor Brush. The laboratory is provided with apparatus for the thorough chemical and physical investigation of minerals and with an extensive library to which students have access. The laboratory is open seven hours each day to accommodate any who desire to devote more time to the subject than is laid out in any of the prescribed courses.

**PETROLOGY**—This course begins by familiarizing the student with the use of the polarizing microscope and the identification and study of the important rock-making minerals by optical and chemical methods. The history, origin, and classification of rocks is then taken up, commencing with the igneous types and passing into the crystalline schists, during which metasomatic and dynamic changes, including effects of dynamo-metamorphism, are studied. The work is carried on in the laboratory, requiring three hours of work daily under the instructor, with lectures at stated periods. Large collections of rocks and thin sections belonging to the School are available for these purposes.

*Elementary Petrology*—A series of lectures of an elementary nature and without the use of the microscope, on the history, origin, and classification of rocks with especial reference to their geologic relations and economic properties. Illustrated by collections. One hour a week in the second term. This course is offered as an optional to all students in the Senior class and in graduate courses who may desire to take it.

**ZOOLOGY**—The instruction in Zoology includes a course of lectures on Systematic Zoology, Morphology, and Embryology. These lectures are generally given twice a week, and continue during about half the year. The students are required to keep careful notes of the lectures.

Students in the Natural History course are also required to pursue a course of laboratory instruction during the second term of Junior and all of Senior year. This generally occupies from two to four hours a day on four days of each week. It includes dissections of various classes and orders of animals, with microscopic studies of the finer structures and of minute animal forms, as well as work in Systematic Zoology.

Special courses of recitations or lectures on particular subjects are also given when desirable.

**BOTANY**—In the courses in Biology, Natural History, and Agriculture, a general survey of the vegetable kingdom is made. Beginning with the simplest forms, selected types of the various classes of plants are examined in the laboratory, and their structure, development, and relationships are discussed in informal lectures. In the Select Course, a study is made in the laboratory of typical, green, flowering plants with special reference to the structure and functions of their various organs. Frequent written tests are also required. For those who may desire to prosecute the science professionally, the work is arranged to suit individual requirements, whether it be in the direction of Morphology, Physiology, or Systematic Botany, as applied to either flowering plants or the cryptogamous orders.

**AGRICULTURE**—The special instruction in the science of Agriculture is by recitations and lectures, with such aids and appliances as are suited to the class-room and laboratory. Besides Analytical and Agricultural Chemistry, it includes a discussion of the cultivation of the staple field crops of the country; theories of rural economy and systems of husbandry; the laws of heredity, and principles of stock-breeding; Botany, Mycology and the diseases of plants, and Zoology. Opportunity is afforded also for the study of insects injurious to crops.

**SANITARY SCIENCE**—The lectures on this subject discuss the natural laws which govern the public health; their relation to public sentiment and the form of government of communities; the significance and use of mortuary statistics; the germ-theory of disease and theory of disinfection; epidemics and pestilences, their relations to the prosperity of a community; methods of control; the hygiene of private dwellings and public buildings; the relations of the water-supply to public health; sewerage; the function of boards of health and methods of sanitary administration.

**Hygiene**—One lecture per week for the first eight weeks of the first term on personal hygiene and the care of the health, more especially as relative to student life.

**HEREDITY**—A course of twenty lectures is given during the second term of Senior year on the principles of Heredity, and their applications to stock-breeding, to medicine and hygiene, and to the investigation of certain sociological problems.

**METEOROLOGY**—Two lectures per week during the first half of the second term, embracing the physics of the atmosphere, the science of Meteorology, and the methods of weather-prediction used in the weather signal service.

**PHYSICAL GEOGRAPHY**—This subject occupies two hours per week in the Select Course, during the first term and first half of Winter term of Junior year, and includes the elements of Dynamical Geology. Warren's *Physical Geography* is used as a text-book, the recitations being supplemented by lectures and illustrated by means of maps, relief maps, models, and photographs.

**MATHEMATICS**—The Mathematical studies of the Freshman year are pursued by all members of the class; those of the Junior year, by students in the Engineering courses, and properly qualified special students who may choose them. In Senior year an optional course is offered, being an Introduction to Higher Geometry, in which the methods and notions of modern Analytical and Differential Geometry are presented. It is the purpose to furnish those intending to follow the engineering profession with valuable additional mathematical knowledge, and to prepare for more advanced courses any students desiring to specialize in mathematics.

**PHYSICS**—The object of the experimental lectures is not only to elucidate the subjects treated in the text-books employed, but also to extend the treatment of such subjects, and to introduce others where thought desirable. A considerable portion of the work of the year is the preparation for recitation on matter thus presented.

The facilities of the Physical Laboratory are extended to such graduate students and Seniors as may desire them.

*Course in Advanced Physics*—A course of three lectures and two recitations per week, throughout the year, is supplemented by laboratory work. The earlier portion of the time is devoted to the theory of observation and the method of least squares. The course is optional to all who have a command of the calculus.

**MILITARY SCIENCE AND TACTICS**—Instruction in this course is obligatory upon the whole Senior class in all departments. The work is carried on chiefly by lectures, upon which satisfactory notes must be submitted. Such topics as the following are discussed: military economy; the American military problem; organization and reorganization; modern war on field and map; statistics and logistics; the combined use of "the three arms;" strategy and campaigning; orders of battle and grand tactics; special operations of war and field service; minor tactics and the art of war; use of cavalry in campaign and battle; use of artillery; use of infantry; and the Turko-Russian war. The course will terminate with an examination, and a special military certificate is awarded, by the Regular Army officer in charge of the department, to such students as attain a sufficient degree of proficiency, and give evidence of military aptitude. In connection with this course a brief original paper is required.

When a sufficient number of students desire it, practical instruction in drill in the School of the Soldier and School of the Company will be given. The names of the three most distinguished students in this department must be sent to the Adjutant General of the Army for publication in the Army Register, and also to the Adjutant General of the State to which each student belongs.

**CIVIL ENGINEERING**—The object of this course is to give, first of all, a thorough preparation in the principles of the various sciences involved, and afterwards, as extensive practice in the application of these principles as the time at disposal, the ability of the students, and the facilities and plant permit.

Under the first head are included such subjects as Mathematics, Physics, Mechanics, Thermodynamics, Astronomy, Geology, Mineralogy, and Chemistry; and under the second head, Drawing, Surveying, Strength and Properties of Materials, and Design and Construction of various kinds, such as Bridges, Roofs, Foundations, Arches, Retaining Walls, Dams, Water Works, Railroads, Improvement of Rivers and Harbors, Sewerage and Drainage, Motors, etc.

The first division includes Civil Engineering as a Science, the other, Civil Engineering as an Art. The ground covered by the first is definite, and the instruction is made as thorough as possible. The ground covered by the second is of almost indefinite extent. Here, by a careful selection of practical examples, such as occur in engineering practice, the application of principles is illustrated, and together with the analytical or algebraic methods, the student is also instructed in practical graphic solutions, wherever such solutions present a special value. Much time is devoted to geodetic operations and to surveying in the field.

The method of teaching is by means of practical exercises, lectures, and recitations, so combined as to develop as far as possible the mental powers of the student. Visits of inspection are made at suitable intervals to private and public works of engineering interest.

The entire course requires five years, three years of undergraduate and two of graduate instruction; and a thesis of merit upon some approved subject, accompanied by designs and estimates, is required upon the completion of the course. Examinations are also held at the end of every term and year.

In what follows, such details are given as may be of interest to those who contemplate taking the course.

*Mathematics*—5 hours weekly, Junior year. See Synopsis of course.

*French and German*—Students in this course take the regular studies of the Junior and Senior classes in both German and French.

*Drawing and Descriptive Geometry*—Drawing is begun at once in the first term of Freshman year, under the charge of the Professor of Drawing in the Art School, and includes practice in free-hand drawing. In the second term, under the Instructor in Instrumental Drawing, the students take isometric drawing with application to drawing from models and structures by measurements, shading, tinting, conventional use of colors, principles of orthographic projections, and practice in making simple working-drawings, 4 hours both terms.

The Drawing of Junior year, 6 hours both terms, includes Descriptive Geometry, the drawing of structures from measurement, and elements of design for simple structures. The instruction is by recitations, lectures, practical exercises, and models, and is under the charge of the Instructor in Instrumental Drawing and the Professor and Instructor in Civil Engineering. Included in the work of this year is also the mapping of surveying field-notes.

In Senior year, the drawing consists of the mapping of the surveys of that year, and the designing of structures and finished drawings, designs, and estimates, under the charge of the Professor and Instructor in Civil Engineering, 6 hours both terms.

*Surveying and Field Engineering*—A three weeks' course of practical instruction in field-work is given in September before the beginning of the fall term, in both the Junior and Senior years. This instruction for the year 1899 begins on Monday, September 4th.

In the Junior year, the three weeks before the beginning of the fall term are spent in uninterrupted work in the field. The course is then continued, four afternoons a week, until about November first, with lectures, recitations, and work in the drawing room.

Land, topographical, stadia and city surveys are made, plotted, checked, traced, and blue-printed. Levels are run and profiles drawn. Special problems likely to occur in practice are taken up in the field

and in the class-room. The field-work is arranged so that each student receives a thorough drill in the use of the instruments, including the transit and the level.

In the second term of the Junior year the instruction in field-work occupies four afternoons a week for six weeks or more. The exercises consist in staking out curves, cross-overs, switches, and other details of track work. Practice is also required in the adjustments of the transit and the level. The field-work is preceded by a course of lectures and recitations. In the three weeks before the beginning of the first term of Senior year, a line of railroad is located and set out from a contour map previously obtained, grades and curves established and set out, and computations made. The theory of economic location is taught by lectures and recitations in connection with the field-work. The work is arranged so that each student has sufficient practice in all the various operations. The text-books used are Gillespie and Johnson's works, Henck's *Field Book*, Merriman's *Geodetic Surveying*, and Merriman's *Theory of Least Squares*. The course is under the charge of the Instructor in Civil Engineering, aided by several assistants.

*Mechanics of Engineering*—Senior year, 6 to 8 hours, both terms. The method of instruction is by means of text-books in connection with lectures and solutions of practical problems in illustration of the various topics. The course includes thorough instruction in the strength of materials, the stability of foundations, retaining walls, dams and embankments, and masonry arches, by lectures and graphic methods. Questions of hydraulics, water-supply, the measurement of discharge, and the theory and construction of water-motors receive attention.

*Construction and Design*—Senior year, 6 hours both terms. A thorough course is given in the determination of stresses and the detailed design of roofs, bridges, etc., with working-drawings, specifications, and estimates. Visits of inspection are made, and recitations and lectures held in connection with the work in the drawing room.

*Astronomy*—This course occupies 6 hours during the second term of Senior year, and includes practical work and the use of the sextant and transit in determining time, latitude, and azimuth.

*Geology*—This course occupies 3 hours up to the middle of the second term of Senior year.

*Mineralogy*—This course, under the Professor of Mineralogy, occupies six hours of the first term in Senior year.

A course of lectures on the theory of electricity and its applications, by the Professor of Physics, is open to students in this department, and can be taken as a part of the preparation for a graduate course in the higher branches of electrical science.

**MILITARY ENGINEERING**—The object aimed at is to disseminate military information, and to awaken interest in the application of the arts



of peace to those of possible war. In connection with the courses of Civil Engineering and Military science, lectures will be given upon such topics as: systems of fortification; sea-coast defenses; hasty intrenchments; passage of rivers and military bridges; military reconnaissance, and instruments; battlefield telemetry and methods; sea-coast range-finding, and ship-tracking devices; gunpowder and ballistic machines; high explosives and demolitions; gun metals, modern ordnance, and gunnery; armor plates, turrets, projectiles and fuses, torpedoes, submarine mines, military electric installation, and countermining.

**MECHANICAL ENGINEERING**—The objects aimed at in the plan of instruction in this course are, to give to the student a thorough training in elementary and advanced Mathematics and Physics, and their application to the science of construction; to make him familiar with the general principles of Engineering and with the practical details of mechanical construction through which these principles are made useful; and to enable him ultimately, in beginning the work of his profession, to bring to bear upon it a well-balanced store of theoretical and practical knowledge, and a mind trained in correct habits of thought and work.

The complete course covers five years, three of which are spent in undergraduate study, and two in a graduate course, a portion of which may be given to actual practical work. The subjects and methods of instruction in the undergraduate course are as follows:—

*Mathematics*—See Synopsis, page 158.

*French and German*—Students take the regular studies of the Junior and Senior classes in both French and German.

*Shop-Visiting* divides the time equally with Drawing in the second term of the Junior year. The student, accompanied by the instructor, is employed in studying machinery in use and in process of construction in different machine-shops in the city. He is required to make satisfactory, carefully dimensioned sketches, from measurements taken by himself, of the complete machines and their parts, and to describe the tools and mechanical operations used in producing the simpler pieces.

*Drawing*—Descriptive Geometry is taught in the drawing room by lectures and recitations, and by exercises at the drawing board, where the problems are solved graphically by the student. Instruction in drawing Machine Elements is given in the Junior year. Models and cartoons showing examples of approved practice are used by the instructor, who also gives personal attention to each student's work at the board as it progresses.

*Principles of Mechanism*—This is a course in theoretical and applied Kinematics. Instruction is by text-books and lectures, illustrated by diagrams and models, an extensive collection of which belongs to the School and is accessible to the student.

*Steam Engine*—Recitations and lectures in this subject relate to the structural details of engines and to the mechanical principles involved in their working. Particular attention is directed to various kinds of valve-gear, the governor, the fly-wheel, balancing, and the effect of the weight of the reciprocating parts. The study of steam boilers follows that of engines.

*Indicator Practice*—In the Senior year, the student is afforded opportunities to apply the indicator to various engines in operation, and has practice in reading indicator cards and measuring them by the planimeter. He is taught to detect such defects in the engine as are shown by the cards.

*Applied Mechanics and Hydraulics*—In these courses lectures, recitations, and exercises in the solution of practical problems, relate to the topics specified in the scheme on page 159.

*Thermodynamics*—Recitations and lectures on the mechanical theory of heat and its application to hot-air engines, gas engines, and the steam engine.

*Machine Design*—The course in this subject consists chiefly in practical exercises at the drawing board, and partly in lectures on the functions of machines and the mechanical principles which are applied in determining the proportions of machinery. The student, under the guidance of an experienced instructor, is employed in making complete working-drawings of machines, many examples of which are in the drawing rooms and the basements of the school. He does not copy the examples, but is required to change the dimensions and in many cases to alter the design, and is ultimately taught to make partly new designs of important machinery, such as cranes, yacht engines, machine tools, boilers, etc. The discipline the student receives is such as he would obtain in the drawing office of an engineering establishment, while he is also carefully instructed in the theory of the subject he deals with, and in the practical bearing of all his work.

In the Senior year, several excursions may be made by the class, accompanied by one or more instructors, to neighboring manufacturing and engineering centers where large manufactories, pumping works, ocean steamers, etc., can be visited. In such excursions full notes must be taken, and a satisfactory written report upon the machinery examined be submitted.

**ELECTRICAL ENGINEERING**—This is necessarily a course in mechanical engineering, with a substitution of the essentials of electrical science in place of a portion of the work in that department. Thus what has been written concerning the studies of that course is equally applicable to the same studies in the electrical course. The work in electricity proper consists of three lectures each week and two recita-

tions on the subjects then treated. With these the student is required to spend six hours each week in the physical laboratory. During the early portion of the laboratory course especial attention is given to the instruments and methods of physical investigation, and as soon as a sufficient knowledge of them is acquired the student applies it to the study of the electric and magnetic properties of matter and their application to the arts. A well-equipped laboratory, and a dynamo room with various examples of standard instruments and a large secondary battery, yield excellent facilities for this kind of instruction. Considerable additions to the apparatus are made every year.

**ASTRONOMY**—Students in the Select Course receive instruction in Astronomy four hours per week during the Winter half-term of Junior year.

Students of Civil Engineering during the second term of their Senior year have six recitations per week, and also practical experience in the determination of time, azimuth, latitude, longitude, etc.

**ENGLISH**—The courses are designed to give the student acquaintance with the great representative writers of the various epochs. The work of Freshman year, required of all, is general in scope, consisting of the history of the English language and a study of Shakespeare, Wordsworth, Tennyson, and Browning.

English Literature is one of the prescribed studies in the Select Course. During the first term of Junior year, extracts from Early English authors are read and Early English Grammar is studied, so as to familiarize the student with the inflections then in use and the distinctions existing between the leading dialects. It is the aim of the term's work to give such knowledge of forms, and to some extent of words, that the student will be able to read at sight any Early English author whose writings do not involve special difficulties of language or vocabulary. For the rest of the course till the end of Senior year the following authors are read: Chaucer, Bacon, Shakespeare, Milton, Dryden, Pope, Gray, Goldsmith, and later writers. Those mentioned in the list are always studied, but other authors not named are also taken up, the course varying somewhat in different years. In all cases, complete works of a writer are studied, not extracts; as, for instance, several of Chaucer's *Tales*, and several of the plays of Shakespeare. The authors are taken up in chronological order, and the literary history of the time is likewise carried on in connection with the great representative writers of each period.

**ENGLISH COMPOSITION**—This course, required of the entire Junior class, consists, in the first part of the year, of weekly exercises based on a large variety of current topics, or on selections from well-known

authors, such as Irving, DeQuincey, and Macaulay. This work, the aim of which is freedom of expression and the correction of the most obvious faults, is followed by studies in structure and style, and practice in exposition and argument.

GERMAN AND FRENCH—Each of these languages is studied for two years by every member of the school. That language which the student offers at his examination for entrance is studied until the end of Junior year. The other language is begun at the opening of Junior year and studied until the end of the course. Thus each student has either German or French during Freshman and Senior years, and both languages during Junior year.

GERMAN—This department has a twofold purpose, to prepare the student to use the language easily and intelligently for those purposes which his course may require, and to supplement the practical training of his special studies by securing some of the important disciplinary results of linguistic study. A systematic and thorough study of the structure of the language is made the essential basis for all work in this department. As early as possible practical work with the language itself is begun, accompanied throughout the course by lectures and dictation, and by written translations from English into German. The subjects of derivation, composition, and the relation of German and English are systematically studied with reference both to their practical aid in the acquisition of a vocabulary and to their scientific value in the establishment of correct ideas of the nature and growth of language. While it is not a primary aim, the course seeks to lay the foundation for the colloquial use of the language by imparting a familiar knowledge of grammatical forms, by the regular reading aloud of German texts, and by the frequent framing of German sentences based on the reading of the day.

The cycle of texts used differs somewhat with each class. The plan is to familiarize the student with some of the best specimens of modern prose and poetry, aiming in this selection to introduce him to a sufficient number and variety of works to overcome the usual difficulties of style and vocabulary. With the more advanced divisions, towards the end of the course, some masterpiece of German literature is critically studied, and incidentally some knowledge is gained of the history and present state of German literature.

Opportunity for advanced or special work is offered as occasion requires.

FRENCH—The aim of the study in the French department will be to impart a practical acquaintance with the language, so that it may be an aid to the student in his professional or other work, in travel, in obtain-

ing a better comprehension of the institutions of France, and in profiting by its highly important literature. The value of the study as disciplinary drill and a means to general culture is at the same time clearly kept in view.

With those beginning the subject, grammar is reduced to its simplest terms; only the grammatical forms (even these treated mainly as vocabulary) and the few main principles are insisted upon, without which no accurate translation is possible. Some continuous text, of interesting character, is taken up early in the first term. Then follows translation of representative authors, rather of the modern than older periods, alternating with prose composition, further acquirements in grammar, and such attention to the Latin origin of the language, based upon the clear statements of Brachet, Clédat, Brunot, and Darmesteter, as may help to fix vocabulary in mind. A brief review of grammar is also a part of the work of the advanced classes at the opening of each year.

Proper pronunciation is insisted upon, and as an aid in this direction, a part of the work of the class-room is conducted in French, thus laying a basis for future fluency in conversation.

At the discretion of the instructor, the students sufficiently advanced take up a manual of French literature, in the French language, and, while a dry list of names and dates is avoided, they are put in possession of such a connected account of the development of French life and letters and of the salient literary periods as must prove a valuable guide for future reading.

SPANISH—The instruction in the Spanish department has in view those who may be called to engage in scientific or commercial pursuits in the countries of Spanish America. It proposes a correct pronunciation, facility in reading texts of many sorts, composition, including the forms of letter-writing, and such beginnings of conversation as will be a useful basis for rapid further development when the opportunity and need arise, through residence in a foreign country.

Grammar is condensed to its essentials, that the greater amount of time may be secured for reading. Manning's *Practical Spanish Grammar* has been used. Amusing conversational plays have been used for translation, occasionally Spanish and Mexican newspapers, and finally some such work of standard fiction as Pérez Galdós' "*Trafalgar*," one of the *Episódios Nacionales*. A measure of attention will be paid to the origin of the language, and its peculiar method of development from the Latin explained, as contrasted with the other languages of the same family. A brief view of the representative earlier literature will be given, based upon Ticknor, and a more detailed account (with readings) of Pereda, Valdés, Galdós, and Valera, who

lend such a lustre to Spanish fiction at the present day. Spanish is offered as an optional study during Senior year.

**HISTORY, I. Junior Year**—The aim of the course is to present to the students an orderly and connected outline of the general history of Europe. How and Leigh's *History of Rome*, Thatcher and Schwill's *Europe in the Middle Age*, Schwill's *History of Modern Europe*, and Dalgleish's *Periods of English History*, are used as text-books. Particular attention is given to the growth and development of institutions and ideas and to the interpretation rather than to the mere memorizing of events. To this end the students are directed to the best literature on the different questions brought up for consideration, and, as importance warrants, documents and contemporary sources are discussed in the class-room.

The recitations are partly oral and partly written. Frequent lectures are given on questions of particular interest and importance. Constant use is made of historical maps and charts. To enable the students to preserve the proper perspective, frequent reviews are required and the results of these are ascertained by written tests.

**II. Senior Year**—During the fall and winter half-terms a course is given in the Constitutional History of the United States. The *Epochs of American History* series (published by Longmans, Green & Co.) is used as the basis of study by the class. The method of work is similar to that employed in the Junior year, save that greater importance is placed on the careful interpretation of documents and other easily available contemporary sources, such as are contained, for example, in Macdonald's *Select Documents of United States History*.

In addition to the University Library, there is a small historical library in the recitation room from which the students are allowed to draw books.

**POLITICAL SCIENCE**—The course in history serves as a preparation for the course in Political Science. The subject is treated historically and comparatively. Professor Woodrow Wilson's *The State*, which is used as a text-book, is supplemented by lectures and collateral reading. The object constantly kept in view is to lead the student, through the study of other forms of government, to a broad and intelligent knowledge of the Constitution of the United States.

**POLITICAL ECONOMY**—In the beginning of the course, an effort is made to familiarize the students with the fundamental principles of Economics, and more particularly to train them in economic reasoning.

Selected topics, such as money, banking, taxation, and industrial history, are then treated with more detail, and an opportunity is given to the members of the class to make a special study of subjects in which they may be interested. A small library, containing a number of copies of each of the principal authorities, has been provided, in order that the students may be able to familiarize themselves somewhat with the literature of the subject, without expense to themselves. The instruction is given partly by means of text-books and partly by lectures.

THE TERMS AND VACATIONS correspond with those of the College. (See Calendar, p. 6.)

EXPENSES—THE TREASURER'S BILLS are made out and delivered to the students three times a year, viz: at the beginning of each term or half-term, at which time they are payable. Drafts on Boston, New York, and Philadelphia are received at par. The annual charge for tuition for undergraduate students is \$150. An additional charge of \$5 for each term or half-term is made for incidentals, including the use of libraries, public rooms, gymnasium, and reading-room. The student in the Chemical and Biological Courses has an additional charge of \$15 per term, or half-term, for chemicals and the use of apparatus in the chemical laboratories. He also supplies himself at his own expense with flasks, crucibles, etc., the cost of which should not exceed \$10 a term.

For graduate students the charge for tuition is one hundred dollars per year.

The fee for graduation as Bachelor of Philosophy is \$10, unless the person taking the degree is also an academic graduate, when it is but \$5.

#### BUILDINGS AND APPARATUS

The five buildings in which the work of instruction in the Scientific School is mainly carried on are called Sheffield Hall, North Sheffield Hall, Sheffield Biological Laboratory, Winchester Hall, and Sheffield Chemical Laboratory. Instruction in Mineralogy, Geology, and Zoology is given in the Peabody Museum, and in Free

**Hand Drawing in the Art School.** These buildings contain a large number of recitation and lecture rooms, a hall for public assemblies and lectures, chemical, physical, biological, and metallurgical laboratories, besides studies for some of the professors, where their private technical libraries are kept.

The following is a summary statement of the collections belonging to the School :

1. Laboratories and Apparatus in the several branches of Chemistry, Metallurgy, Physics, Zoology, Mineralogy, Petrology, Comparative Anatomy, General Biology, Physiology, and Bacteriology.
2. Metallurgical Museum of Ores, Furnace Products, etc.
3. Agricultural Museum of Soils, Fertilizers, useful and injurious Insects, etc.
4. Collections in Zoology, Mineralogy, Petrology, and Comparative Anatomy.
5. Astronomical Observatory, with an equatorial telescope by Clark & Sons, of Cambridge, a meridian circle, etc.
6. A collection of Mechanical Apparatus and Machinery, including the "Collier Cabinet."
7. Models in Architecture, Geometrical Drawing, Civil Engineering, Topographical Engineering, and Mechanics ; diagrams adapted to public lectures ; instruments for field-practice.
8. Maps and Charts, topographical, geological, hydrographical, etc.
9. The herbarium of Professor Brewer is deposited in Sheffield Hall, while the herbarium and botanical library of the late Professor Eaton, generously given to the University by his family, are in the botanical laboratory, the east wing of Sheffield Hall, in a fire-proof room especially constructed for their safe-keeping.

The building of the Sheffield Young Men's Christian Association, No. 138 College Street, contains pleasant and well furnished reading-rooms, within a few steps of Sheffield Hall. This building, which is the gift of Mrs. W. F. Cochran, of Yonkers, N. Y., is for the present, at the request of the graduate advisory committee, held in trust for the association by the donor.

Students are also entitled to the use of the University and Society libraries, the College Reading-Room, the School of the Fine Arts, the Yale Dining Hall, and the Gymnasium.



## LIBRARIES AND READING-ROOMS

The Library of the University, containing about 245,000 volumes besides some 100,000 pamphlets, is open every week-day to students for consultation and for the drawing of books and also in the evening for consultation ; in a separate part of the building is the Linonian and Brothers Library, a collection of about 21,000 volumes in general literature, specially selected for the use of undergraduate students.

The College Reading-Room, containing the principal newspapers and periodicals, American and foreign, is open to the students every day and evening. There is also a reading-room and a select library (partly for circulation and partly for reference) in Dwight Hall.

The Special Technical Library of the Scientific School consists of about five thousand volumes. Included in this is the "Hillhouse Mathematical Library" of twenty-four hundred volumes, collected during a long series of years by Dr. William Hillhouse, and in 1870 purchased and presented to the institution by Mr. Sheffield. A catalogue of this collection forms a supplement to the Annual Report of the Governing Board of 1870. All the prominent scientific journals of this country and of Europe, together with the proceedings of foreign academies and scientific societies, can be found, either in this library or in the University Library to which students have access.

There is also a Special Chemical Library in the new chemical laboratory, in which the principal chemical journals and periodicals, both of this country and of Europe, may be found ; and a small library of History and Political Science is located in one of the class-rooms for the convenience of students pursuing the subjects. Private technical libraries on the subjects of Geology and Mineralogy are in the Peabody Museum, and under suitable restrictions may be used by students.

### GYMNASIUM

THE UNIVERSITY GYMNASIUM is designed to provide all the students with opportunities for exercise, under the advice of a director, who is a regularly educated physician, and any student may enter the class of general gymnastics, under the Director's immediate care. The building contains: a complete Turkish bath, marble swimming pool, marble tubs, bowling alleys, rowing-tanks, free showers, separate rooms for boxing, fencing, wrestling, and manly sports, a locker room, and the main exercise-hall, which offers a clear floor-space of 10,000 square feet, and is from 22 to 56 feet in height. A thorough physical examination and measurement of each student is made yearly by the director, and a record of these results is kept as a basis of advice as to exercise and regimen; an examination of this record shows that the standard of health of the average student improves during his course.

### DINING HALL

THE YALE DINING HALL, adjacent to the College square, is under the direct control of the University and furnishes board at cost (approximating \$4.00 per week). The hall contains seats for 450, and is open to students of the Academical and Scientific Departments.

### CHURCH SITTINGS

Free sittings for students in this department of Yale University are provided as follows: in the Center Church and United Church (Congregational); in Trinity Church (Episcopal); and in the First Methodist Church.

Those who prefer to pay for a sitting for one year, more or less, in the churches above mentioned, or in any other church of any denomination, will be aided on application to the Secretary of the School.

Sittings in the gallery of the College Chapel are free as heretofore to the students of this Department.

## DEGREES

Students of this Department, on the recommendation of the Governing Board, are admitted by the Corporation of Yale University to the following degrees :

1. **BACHELOR OF PHILOSOPHY** : This degree is conferred on those who complete any of the three-year courses of study, passing all the examinations in a satisfactory manner. All candidates for honors must present, on or before June 1st, a meritorious thesis on some subject approved by their class-officer.

2. **MASTER OF SCIENCE** : The requirements for this degree are stated on page 144.

3. **CIVIL ENGINEER AND MECHANICAL ENGINEER** : The requirements for these degrees are stated on pages to 147-48.

4. **DOCTOR OF PHILOSOPHY** : The requirements for this degree are stated on page 145.

The degrees are publicly conferred by the President and Fellows of the University on Commencement Day.

## SCHOLARSHIPS AND PRIZES

**THE HOLMES SCHOLARSHIP**, founded by Samuel Holmes, Esq., amounts to fifty dollars per year. The recipient must be a citizen of Middlebury, Prospect, Waterbury, or Wolcott, Connecticut ; the appointments are made by the Board of Agents of the Bronson Library in Waterbury.

**THE DANIEL C. EATON GRADUATE SCHOLARSHIP IN BOTANY**. Mrs. Eaton has given a fund of two thousand dollars to found a Graduate Scholarship in Botany in commemoration of her husband, the late Professor Daniel C. Eaton. This scholarship, in the graduate department, will be open for competition to members of the Senior Classes in the Academic and Scientific departments, on conditions to be prescribed by the Governing Board of the Sheffield Scientific School.

**SHEFFIELD GRADUATE SCHOLARSHIPS**—Six scholarships of \$100 each (covering the charges for tuition) are awarded, on application, to those members of the graduating class

of the Sheffield Scientific School who have attained high proficiency in the special studies of their respective courses, and who desire to spend one or more years in graduate study in the School. Each scholarship will be available for one year only. Application for these scholarships must be made in writing on or before June 1st to the head of the department to which the student belongs, with a statement as to the character of the graduate study to be pursued.

THE BELKNAP PRIZE, founded by William R. Belknap, Esq., of the class of 1869, is awarded for excellence in all the Natural History studies of Senior year.

Prizes are also offered, annually, to members of the Senior Class for excellence in Civil Engineering and in Mechanical Engineering; to members of the Junior Class for excellence in Mathematics, in German, and in History; to members of the Freshman Class for excellence in all the studies of the year, in Physics, in German, in French, in Chemistry, in Mathematics, and in Drawing. The names of the three students most distinguished in the Department of Military Science are annually published in the United States Army Register.

# GRADUATE SCHOOL

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## FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT  
REV. JAMES M. HOPPIN, D.D., *Professor of the History of Art*  
EDWARD J. PHELPS, LL.D., *Professor of Law*  
GEORGE J. BRUSH, LL.D., *Professor of Mineralogy*  
WILLIAM H. BREWER, PH.D., *Professor of Agriculture*  
JOHN E. CLARK, M.A., *Professor of Mathematics*  
ARTHUR M. WHEELER, LL.D., *Professor of History*  
JOHN F. WEIR, N.A., M.A., *Professor of Painting and Design*  
J. WILLARD GIBBS, PH.D., LL.D., *Professor of Mathematical Physics*  
CHARLES B. RICHARDS, M.A., *Professor of Mechanical Engineering*  
ARTHUR W. WRIGHT, PH.D., *Professor of Experimental Physics*  
THOMAS R. LOUNSBURY, LL.D., L.H.D., *Professor of English*  
OTHNIEL C. MARSH, PH.D., LL.D., *Professor of Palaeontology*  
EUGENE L. RICHARDS, M.A., *Professor of Mathematics*  
JOHN H. NIEMEYER, M.A., *Professor of Drawing*  
TRACY PECK, M.A., *Professor of Latin*  
ADDISON E. VERRILL, M.A., *Professor of Zoology*  
WILLIAM G. SUMNER, LL.D., *Professor of Political and Social Science*  
REV. GEORGE T. LADD, D.D., LL.D., *Professor of Philosophy*  
CHARLES H. SMITH, LL.D., *Professor of American History*  
JULES LUQUIENS, PH.D., *Professor of Modern Languages*  
SIDNEY I. SMITH, M.A., *Professor of Comparative Anatomy*  
WILLIAM G. MIXTER, M.A., *Professor of Chemistry*  
HENRY P. WRIGHT, PH.D., LL.D., *Professor of Latin*  
HENRY S. WILLIAMS, PH.D., *Professor of Geology*  
HENRY A. BEERS, M.A., *Professor of English Literature*  
A. JAY DUBOIS, C.E., PH.D., *Professor of Civil Engineering*  
BERNADOTTE PERRIN, PH.D., LL.D., *Professor of Greek*  
EDWARD S. DANA, PH.D., *Professor of Physics*  
THOMAS D. SEYMOUR, LL.D., *Professor of Greek*

- CHARLES S. HASTINGS, PH.D., *Professor of Physics*  
FRANK A. GOOCH, PH.D., *Professor of Chemistry*  
ALBERT S. COOK, PH.D., L.H.D., *Professor of English*  
WILLIAM BEEBE, B.A., *Professor of Mathematics*  
ANDREW W. PHILLIPS, PH.D., *Dean, and Professor of Mathematics*  
GEORGE B. ADAMS, PH.D., *Professor of History*  
SAMUEL S. SANFORD, M.A., *Professor of Applied Music*  
HENRY W. FARNAM, R.P.D., *Professor of Political Economy*  
EDWARD P. MORRIS, M.A., *Professor of Latin*  
HENRY R. LANG, PH.D., *Professor of Romance Philology*  
RUSSELL H. CHITTENDEN, PH.D., *Professor of Physiological Chemistry*  
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SAMUEL L. PENFIELD, M.A., *Professor of Mineralogy*  
HORACE L. WELLS, M.A., *Professor of Analytical Chemistry and Metallurgy*  
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CHARLES E. BEECHER, PH.D., *Professor of Historical Geology*  
EDWARD WASHBURN HOPKINS, PH.D., *Professor of Sanskrit and Comparative Philology*  
ARTHUR H. PALMER, M.A., *Professor of German*  
HORATIO M. REYNOLDS, M.A., *Professor of Greek*  
GEORGE M. DUNCAN, M.A., *Professor of Philosophy*  
E. HERSHEY SNEATH, PH.D., *Professor of Philosophy*  
FRANK K. SANDERS, PH.D., *Professor of Biblical Literature*  
LOUIS V. PIRSSON, PH.B., *Professor of Inorganic Geology*  
EDWARD G. BOURNE, PH.D., *Professor of History*  
GUSTAV GRUENER, PH.D., *Professor of German*  
HORATIO W. PARKER, M.A., *Professor of Music*  
JOHN C. SCHWAB, PH.D., *Professor of Political Economy*  
IRVING FISHER, PH.D., *Professor of Political Economy*  
JAMES PIERPONT, PH.D., *Professor of Mathematics*

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OTHER INSTRUCTORS

- REV. GEORGE P. FISHER, D.D., LL.D., *Professor of Ecclesiastical History*  
REV. CORNELIUS L. KITCHEL, M.A., *Instructor in Greek*  
REV. EDWARD L. CURTIS, PH.D., D.D., *Professor of Hebrew*

- GEORGE L. FOX, M.A., *Lecturer on Municipal Administration*  
REV. WILLIAM F. BLACKMAN, PH.D., *Professor of Christian Ethics*  
HON. EDWIN B. GAGER, B.A., *Instructor in Law*  
SAMUEL E. BARNEY, C.E., *Assistant Professor of Civil Engineering*  
FREDERICK WELLS WILLIAMS, B.A., *Instructor in Oriental History*  
WILLIAM J. COMSTOCK, PH.B., *Instructor in Organic Chemistry*  
JAY W. SEAVER, M.D., *Associate Director of the Gymnasium*  
REV. FRANK C. PORTER, PH.D., D.D., *Professor of Biblical Theology*  
REV. BENJAMIN W. BACON, LITT.D., D.D., *Professor of New-Testament Greek*  
ROBERT L. TAYLOR, B.A., *Instructor in French*  
WILLIAM G. ANDERSON, M.D., *Associate Director of the Gymnasium*  
JAMES J. ROBINSON, PH.D., *Instructor in Latin*  
EDWARD W. SCRIPTURE, PH.D., *Director of the Psychological Laboratory*  
FRANK STRONG, PH.D., *Lecturer on United States History*  
WILBUR L. CROSS, PH.D., *Assistant Professor of English*  
WARREN A. ADAMS, PH.D., *Instructor in German*  
CHARLTON M. LEWIS, PH.D., *Assistant Professor of English Literature*  
THOMAS C. STEARNS, PH.D., *Instructor in Ancient Philosophy*  
ROBERT N. CORWIN, PH.D., *Assistant Professor of German*  
WILLIAM LYON PHELPS, PH.D., *Assistant Professor of English Literature*  
HANNS OERTEL, PH.D., *Assistant Professor of Comparative Philology*  
PERCY F. SMITH, PH.D., *Assistant Professor of Mathematics*  
JACOB WESTLUND, PH.D., *Instructor in Mathematics*  
REV. HARLAN CREELMAN, PH.D., *Instructor in Biblical Literature*  
WARREN J. MOULTON, PH.D., *Assistant in Biblical Literature*  
ALEXANDER W. EVANS, M.D., *Instructor in Botany*  
HENRY L. WHEELER, PH.D., *Laboratory Instructor in Organic Chemistry*  
PHILIP E. BROWNING, PH.D., *Assistant Professor of Chemistry*  
OLIVER H. RICHARDSON, PH.D., *Assistant Professor of History*  
JAMES LOCKE, PH.D., *Instructor in Chemistry*  
LAFAYETTE B. MENDEL, PH.D., *Assistant Professor of Physiological Chemistry*  
CECIL K. BANCROFT, B.A., *Tutor in Latin*  
CHARLES W. L. JOHNSON, PH.D., *Instructor in Greek*  
CHARLES S. INGHAM, PH.D., *Tutor in Latin*  
JAMES W. D. INGERSOLL, PH.D., *Assistant Professor of Latin*

- GEORGE P. STARKWEATHER, PH.D., *Instructor in Applied Mechanics*  
WESLEY R. COE, PH.D., *Instructor in Comparative Anatomy*  
BERTRAM B. BOLTWOOD, PH.D., *Instructor in Analytical Chemistry*  
ARTHUR L. WHEELER, PH.D., *Tutor in Latin*  
T. WOOLSEY HEERMANCE, PH.D., *Tutor in Greek*  
WENDELL M. STRONG, PH.D., *Tutor in Mathematics*  
ALBERT B. WHITE, PH.D., *Lecturer on History*  
GEORGE GRANT MACCURDY, M.A., *Instructor in Prehistoric Anthropology*  
HARRY W. DUNNING, PH.D., *Instructor in Semitic Languages*  
HERBERT E. GREGORY, B.A., *Instructor in Physical Geography*  
GERVASE GREEN, PH.D., *Assistant in Philosophy and Pedagogy*  
HERBERT E. HAWKES, B.A., *Instructor in Mathematics*  
MEYER WOLODARSKY, PH.B., *Assistant in Rabbinic Literature*  
WILLIAM B. BAILEY, PH.D., *Assistant in Political Economy*



## ADMINISTRATIVE COMMITTEE,

## WITH CONSULTATION HOURS

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT,

Room 7, Treasury Building, daily, 10.30 A. M. to 12 M.

ANDREW W. PHILLIPS, PH.D., DEAN, and *Professor of Mathematics*,

90 High street, daily, except Saturday, 2.30 to 4 P. M.

GEORGE J. BRUSH, LL.D., *Director of the Sheffield Scientific School*,

3 Sheffield Hall, daily, 10 A. M. to 12 M.

ARTHUR M. WHEELER, LL.D., *Professor of History*,

C<sub>2</sub> Osborn Hall, Monday and Friday, 10.30 A. M. to 12.30 P. M.

CHARLES B. RICHARDS, M.A., *Professor of Mechanical Engineering*,

112 Winchester Hall, 9 A. M. to 12 M., Wednesday and Saturday.

REV. GEORGE T. LADD, D.D., LL.D., *Professor of Philosophy*,

275 Lawrance Hall, Wednesday and Saturday, 10 to 11 A. M.

THOMAS D. SEYMOUR, LL.D., *Professor of Greek*,

22 Phelps Hall, daily, 11 A. M. to 12 M.

ALBERT S. COOK, PH.D., L.H.D., *Professor of English*,

219 Bishop street, daily, 2 P. M.

HENRY W. FARNAM, R.P.D., *Professor of Political Economy*,

43 Hillhouse av., daily, 2 P. M.

RUSSELL H. CHITTENDEN, PH.D., *Director-elect of the Sheffield Scientific*

*School and Professor of Physiological Chemistry*, 64 Sheffield

Biological Laboratory, Monday, Tuesday, Wednesday, and

Thursday, 9 A. M. to 12 M.

ARTHUR T. HADLEY, M.A., *Professor of Political Economy*,

E<sub>2</sub> Osborn Hall, Saturday, 10.30 A. M. to 1 P. M.

FRANK K. SANDERS, PH.D., *Professor of Biblical Literature*,

77 Mansfield st., daily, 2 to 3 P. M.

## GENERAL STATEMENT

### ORGANIZATION

The Graduate School of Yale University forms a section of the Department of Philosophy and the Arts, which was first formally organized in 1847 for scientific and graduate instruction, but now includes Yale College, the Sheffield Scientific School, the School of the Fine Arts, and the Department of Music.

The degrees of Doctor of Philosophy and Civil Engineer were first offered in 1860, the degree of Dynamical or Mechanical Engineer in 1873, that of Master of Arts (previously given without evidence of study) in 1874, and that of Master of Science in 1897.

The professors in the several sections of the Department of Philosophy and the Arts together constitute the Faculty of the Graduate School. The general oversight of graduate instruction and graduate students is entrusted to the Dean and the Administrative Committee, who may be called upon for information and advice. Students are expected to report to the Dean soon after reaching New Haven.

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### ADMISSION AND REGISTRATION

Graduates of this and other Colleges and Universities, and (in exceptional cases, by special permission) other persons of liberal education, who are at least eighteen years old, are received as students for longer or shorter periods, with or without reference to the attainment of a degree.

All graduate students who are not regularly enrolled in any other department of the University, are required to register their names at the office of the Dean at the beginning of each year of study.

The degree of Doctor of Philosophy, with the courses of the Graduate School leading thereto, is open to candidates without distinction of sex.

## INSTRUCTION

Courses of study are offered in the following departments :

PSYCHOLOGY, ETHICS, AND PHILOSOPHY.  
ECONOMICS, SOCIAL SCIENCE, HISTORY, AND LAW.  
SEMITIC LANGUAGES AND BIBLICAL LITERATURE.  
CLASSICAL AND INDO-IRANIAN PHILOLOGY.  
MODERN LANGUAGES AND LITERATURES.  
NATURAL AND PHYSICAL SCIENCE.  
PURE AND APPLIED MATHEMATICS.  
THE FINE ARTS.  
MUSIC.  
PHYSICAL CULTURE.

Instruction is given partly by lectures, partly by recitations and by oral and written discussions, partly by directing courses of reading, and partly by the direction of work in the laboratories and with instruments.

The attention of teachers who desire to fit themselves more thoroughly for a higher grade of professional work is called to the advantages offered by this department for pedagogical instruction and discipline. In addition to the special and advanced study of the subjects in which the graduate student desires instruction, and the pursuit of courses in psychology, ethics, philosophy, and of other courses cognate with pedagogy, opportunity is afforded to observe the actual practice in the class-room, as well as the organization, of the different departments of the University and their methods of work.

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CLUBS

In various voluntary associations, instructors and students meet together periodically for the reading of papers, oral discussions, etc.; such are :

THE CLASSICAL CLUB.  
THE MATHEMATICAL CLUB.  
THE POLITICAL SCIENCE CLUB.

THE PHILOSOPHICAL CLUB.  
THE SEMITIC AND BIBLICAL CLUB.  
THE MODERN LANGUAGE CLUB.  
THE ENGLISH CLUB.  
THE PHYSICS JOURNAL CLUB.  
THE ENGINEERS' CLUB.  
THE CHEMICAL CLUB.

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#### FEES AND EXPENSES

The fee for instruction is generally one hundred dollars per year ; but it may be more, or less, according to the courses pursued and the amount of instruction received.

A special fee of five dollars is charged to those who use the Gymnasium, and one of two dollars to those admitted to the use of the College Reading-Room.

Board is obtained at prices varying from three and a half to eight dollars a week. The average price is under five dollars.

A list of suitable rooms is kept at the Dean's office.

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#### LIBRARIES AND READING-ROOMS

Students have the free use of all the Libraries of the University. The whole number of volumes in the several libraries of the University is more than 290,000.

THE UNIVERSITY LIBRARY contains more than 245,000 volumes, and many thousands of unbound pamphlets. Its READING-ROOM contains the books most important for daily consultation and reference, together with scholarly periodicals. Of current periodical publications, including publications of learned societies, the Library receives an unusually large number,—the foreign serials alone being not less than five hundred.

THE LINONIAN AND BROTHERS LIBRARY contains about 21,000 volumes of the best current literature.

THE COLLEGE READING-ROOM receives fifty-five daily newspapers, American and foreign, nearly sixty weeklies, and about eighty other periodicals,—in addition to the periodicals received at the University Library. Graduate Students are admitted to the College Reading-Room on payment of an annual fee of two dollars.

THE SHEFFIELD SCIENTIFIC SCHOOL LIBRARY contains 5,000 volumes, largely mathematical.

THE ART SCHOOL LIBRARY contains about 500 volumes of expensive illustrated works.

THE LOWELL MASON LIBRARY contains 4,000 volumes of music.

The Peabody Museum, the Observatory, and the several Laboratories have valuable technical libraries.

Several of the departments of study (the Classical, English, Political Science, Biblical, and Historical) have special libraries of standard works for the use of advanced students.

Dwight Hall, the headquarters of the Young Men's Christian Association, is provided with a good library and a pleasant reading-room, besides the halls used for religious meetings.

A parlor and study-room at 135 Elm street is fitted up for the special use of the women studying in the Graduate School.

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#### LABORATORIES, MUSEUMS, AND COLLECTIONS

The Peabody Museum of Natural History.

The Physical, the Chemical, the Biological, and the Engineering Laboratories, and the Eaton Herbarium, of the Sheffield Scientific School.

The Sloane Physical, the Kent Chemical, and the Psychological Laboratories of Yale College.

The collections of the School of Fine Arts.

The collection of coins in the University Library, and various collections of models, casts, and photographs used in the teaching of mathematics and in other departments of instruction.

## LECTURES AND CONCERTS

The following courses of public lectures and concerts are open to the students of the University :

THE SHEFFIELD COURSE.

THE ART COURSE.

THE DIVINITY SCHOOL LECTURE COURSES.

THE AMERICAN LECTURES ON THE HISTORY OF RELIGIONS.

THE DWIGHT HALL COURSE.

THE PHI BETA KAPPA COURSE.

THE KENT CLUB COURSE.

THE UNIVERSITY CHAMBER CONCERTS.

THE SYMPHONY ORCHESTRA CONCERTS.

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DEGREES

THE DEGREE OF DOCTOR OF PHILOSOPHY is conferred upon those students who show the results of resident graduate work by a thesis giving evidence of high attainment and power of investigation, and by an examination on studies whose grade and amount meet the approval of the Faculty. Under ordinary circumstances two or more years' work in residence will be required, but in certain exceptional cases work of equal grade at another University may take the place of a year's residence here. The thesis must be deposited at the Library for public inspection, not later than May 1. A good knowledge of Latin, German, and French is required in all cases, unless, for some very exceptional reasons, the candidate be excused by the Faculty. The fee for instruction is one hundred dollars per year. The fee for graduation is ten dollars.

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THE DEGREE OF MASTER OF ARTS is conferred on Bachelors of Arts of Yale College (and upon Bachelors of Arts of other colleges who have pursued a course of study equivalent to that pursued in Yale College) of two years'

standing or upwards, who have given to the College Faculty evidence of having made satisfactory progress in liberal studies after receiving their first degree. Such evidence may be furnished by one year's systematic study (not professional) in New Haven, under the direction of the College Faculty, followed by an examination. Graduates of other colleges can obtain the degree only by residence as thus described. The charge for instruction will usually be one hundred dollars per year, with a fee of ten dollars for the degree.

Such Bachelors of Arts of *Yale College* as may not choose to reside at the College for the prosecution of study may at any time not less than three years after graduation, show, in either of the two following ways, that they have spent a year in liberal (and non-professional) study, and are worthy of recommendation for this degree. (1) Such candidates may make application to the Faculty for the designation of a course of study, on which an examination shall be taken. This application must be accompanied by a fee of twenty-five dollars. (2) Or a candidate may submit as evidence of his fitness for this degree a printed essay, for the examination of which a fee of twenty-five dollars (to be paid in advance) is required. An additional fee of ten dollars will be charged in all cases for the degree.

A committee of the Faculty is appointed (consisting for the present year of Professors Wheeler and Phillips), to whom candidates for this degree must submit their proposed courses of study for approval by the first of November in each year; and the evidence of a year's study must be submitted to the same committee by June 1.

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THE DEGREE OF MASTER OF SCIENCE is conferred on graduates of this or other universities, of two years' standing or upwards, who have taken their first degree in science and who pursue successfully a higher course of

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study in science under the direction of the Governing Board of the Sheffield Scientific School. Such a course involves at least one year of resident graduate study, followed by an examination and presentation of a satisfactory thesis in some department of science. A committee of the Faculty (consisting for the present year of Professors Chittenden and Richards) is appointed, to whom candidates for this degree must submit their proposed courses of study for approval before the end of October of each year. The fee for graduation is ten dollars.

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THE DEGREES OF CIVIL ENGINEER AND MECHANICAL ENGINEER are conferred on Bachelors of Philosophy who have taken the first degree in Engineering study, and who pursue a higher course under the direction of the Governing Board of the Sheffield Scientific School for at least two years, sustaining a final examination, and giving evidence of their ability to design important constructions and to make the requisite drawings and calculations. The fee for graduation is five dollars.

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#### FELLOWSHIPS

FIVE FELLOWSHIPS yielding four hundred dollars each, not exempting the holders from charges of tuition, have been created by the Corporation out of the income of University funds. These fellowships are open to graduates of all colleges, but preference is given to those who have already spent at least one year in graduate study, and have shown capacity for original work.

The following Fellowships are, by the terms of the donations, open only to graduates of the Academical Department of Yale University.

THE DOUGLAS FELLOWSHIP.

THE SOLDIERS' MEMORIAL FELLOWSHIP.

THE SILLIMAN FELLOWSHIP.



THE JOHN SLOANE FELLOWSHIP.

THE SCOTT HURTT FELLOWSHIP.

THE ELLEN BATTELL ELDRIDGE FELLOWSHIPS (two).

THE MACY FELLOWSHIP.

THE LARNED FELLOWSHIPS (three).

THE FOOTE FELLOWSHIPS (three).

The Yale Alumni Association of California offers a Fellowship of three hundred dollars to a graduate of one of the California Universities, pursuing studies at Yale in the Graduate School. The incumbent is selected by the Association.

The Class of 1890 of Yale College offers a Fellowship yielding one hundred and fifty dollars to a student selected by the Faculty, who is carrying on research work in the Graduate School.

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#### SCHOLARSHIPS

TWENTY SCHOLARSHIPS, yielding one hundred dollars each, have been created by the Corporation out of the income of University funds. These scholarships are open to graduates of all colleges.

THE DANIEL C. EATON GRADUATE SCHOLARSHIP IN BOTANY is endowed with the income of a fund of two thousand dollars given by Mrs. Eaton in commemoration of her husband, the late Professor Daniel C. Eaton. This scholarship will be open for competition to members of the Senior Classes in the Academic and Scientific departments, on conditions to be prescribed by the Governing Board of the Sheffield Scientific School.

SHEFFIELD GRADUATE SCHOLARSHIPS—Six scholarships of \$100 each (covering the charges for tuition) are awarded, on application, to those members of the graduating class of the Sheffield Scientific School who have attained high proficiency in the special studies of their respective courses, and who desire to spend one or more years in graduate study in the School. Each scholarship will be available

for one year only. Application for these scholarships must be made in writing on or before June 1st to the head of the department to which the student belongs, with a statement as to the character of the graduate study to be pursued.

The following Scholarships are open only to graduates of the Academic Department of Yale University.

THE CLARK SCHOLARSHIPS, and  
THE W. W. DE FOREST SCHOLARSHIP.

Candidates for appointment to Fellowships and Scholarships should send their applications, accompanied by letters of recommendation and other evidence of the excellence of their work already accomplished, to the Dean, Professor Andrew W. Phillips, not later than May 1.

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#### COURSES OF INSTRUCTION

Courses marked with an asterisk (\*) are undergraduate courses, but are open to graduate students, provided that they have the consent of the instructor and the approval of the Faculty.

The number of hours stated means, when not otherwise specified, hours of exercise, lectures, or recitations, each week through the year.

The hours named for the exercise are subject to change.

## COURSES OF INSTRUCTION

## I. PSYCHOLOGY, ETHICS, AND PHILOSOPHY

GEORGE T. LADD, D.D., LL.D.

HENRY S. WILLIAMS, Ph.D.

GEORGE M. DUNCAN, M.A.

E. HERSHEY SNEATH, Ph.D.

EDWARD W. SCRIPTURE, Ph.D.

THOMAS C. STEARNS, Ph.D.

GERVASE GREEN, Ph.D.

Professor LADD :—

1 *Philosophy of Religion.* 2 hrs.

In this course the principal facts and conceptions which belong to the religious development of man will be made the subjects of reflective study. The several topics will be treated in lectures, with constant reference to the works of Pfleiderer, Caird, and others; and the lectures will be supplemented by papers and discussion on the part of the class.

[Mondays, 7.15 to 9 P. M.]

2 *Philosophical System.* 2 hrs.

Hegel's *Phänomenologie des Geistes* will be studied. After an expository and critical lecture, an elaborate paper by some member of the class will be read and discussed. This course is chiefly an exercise in research and philosophical criticism, and should be taken only by those who are prepared to read the work, upon which it is based, in the original German. (The same work will be read by Professor Palmer as course V, 20.)

[Wednesdays, 3.15 to 5 P. M.]

\*3 *Introduction to Philosophy.* 2 hrs.

[See Course 2, page 59.]

\*4 *Abnormal Psychology.* 1 hr.

[See Course 6, page 60.]

Professor DUNCAN :—

5 *Advanced Psychology.* 2 hrs.

This is a course in General Psychology, in which a detailed study is undertaken of the phenomena of mental life from the

scientific point of view. James's *Principles of Psychology* is read, with constant reference to Ladd's *Psychology, Descriptive and Explanatory*, Sully's *Human Mind*, and the works of other leading modern authors ; and the reading is accompanied by papers, discussions, and lectures.

[Wednesdays and Saturdays, 9.30 A. M.]

6 *Epistemology.*

1 hr.

(a.) An historical and critical examination of speculations (more especially from Descartes to the present day) relating to the *philosophy of knowledge*: the history of opinion on the theory of knowledge is traced and the views of the more important thinkers critically examined with a view to the construction of a positive doctrine of knowledge. The course will be conducted in the *seminary* method. Much of the work is research,—the results being presented in papers for discussion.

[Given in 1898-99, Fridays, 9.30 A. M.]

(b.) The nature and conditions of formal truth are studied in connection with the reading of an advanced work on logic, such as Hobhouse's *Theory of Knowledge*. This is followed by a study of the psychology of knowledge and by an examination of the nature, limits, and grounds for the validity of our knowledge of reality. Professor Ladd's *Philosophy of Knowledge* is read in connection with the latter part of the course.

[Given in 1899-1900.]

7 *Discussions in Philosophy.*

1 hr.

A course in philosophical criticism, intended to develop and train the critical spirit, to deepen interest in the more profound themes of philosophy by showing their connection with popular life and thought ; and to vindicate sound psychology and a theistic and Christian philosophy from the perennial misconceptions to which they are exposed. To this end some of the popular philosophical papers of Huxley, Tyndall, Clifford, Spencer, and others are read and freely discussed. Considerable attention will be given to some of the philosophical aspects of the Theory of Evolution, and those who take the course are recommended to take course 9, given by Professor Williams.

[Thursdays, 9.30 A. M.]

\*8 *History of Modern Philosophy.*

2 hrs.

[See Course 3, page 60.]

Professor WILLIAMS :—

- \*9 *The Theory of Evolution.* 2 hrs.  
[See Course 7, page 61.]

Professor SNEATH :—

- \*10 *Philosophical Anthropology.* 2 hrs.  
[See Course 4, page 60.]

- 11 *Philosophy of Mind.* 1 hr.

Beginning with the facts and laws established by empirical psychology, this course aims at the construction of a metaphysic of mind. The following are some of the subjects to be treated: The concept of mind; the reality, nature, genesis, and destiny of mind; the relations of mind and body; materialistic objections, etc. The course will be based on Ladd's *Philosophy of Mind*.

[Tuesdays, 11.30 A. M.]

- 12 *History of Modern Ethics.* 2 hrs.

This course involves an historical and critical study of modern ethical theory. The following order will be observed: The ethics of Hobbes and his critics—Cumberland, Cudworth, Clarke, Shaftesbury, and Butler; the development of utilitarian ethics from Locke to Mill; the development of evolutionary ethics, special attention being given to the ethical system of Herbert Spencer; the progress of ethical thought in Germany from Kant to Schopenhauer.

[Mondays, 3-4.45 P. M.]

Dr. SCRIPTURE :—

- \*13 *Psychology (Physiological and Experimental).* 2 hrs.  
[See Course 11, page 62.]

- \*14 *Psychology (Elementary Laboratory Course).* 2 hrs.  
[See Course 12, page 62.]

- \*15 *Psychology (Intermediate Laboratory Course).* 3 hrs.  
[See Course 13, page 62.]

- \*16 *Applied Psychology.* 1 hr.  
[See Course 14, page 62.]

17 *Psychology (Advanced Laboratory Course).* 1 hr.

Lectures and exercises in the applications of elementary mathematics to psychological problems; the theory of probabilities and its application to statistics of mental ability; the theory of measurements; a series of advanced exercises in psychological measurements. Text-books: Fisher's *Infinitesimal Calculus*; Holman's *Discussion of the Precision of Measurements*; Weinstein's *Physikalische Maassbestimmungen*, Vol. I.

[Mondays, 2 to 2.50 P. M.]

18 *Psychology (Technical Course).* 3 hrs.

This course consists of a series of exercises for those who expect to teach experimental psychology and to manage a laboratory. The instruction covers: the principles involved in making, repairing, and caring for apparatus, with practical training in wood and metal work; the methods of experimental demonstration, with practice in the preparation of lantern slides and the use of lime-light and electric lanterns; the principles of laboratory economy, etc. The workshop practice will be cared for by a special instructor. The student is expected to make several pieces of apparatus involving the use of the lathe and the various small tools. He is urged to become sufficiently familiar with apparatus and lantern work to successfully give an illustrated lecture; practice lectures will be held and subjected to criticism.

[Wednesdays, 3 to 5.50 P. M.]

19 *Psychology (Research).* 4 hrs.

Participants in this course are either investigators or assistants. For assistants the object is such a training in accurate introspection, observation, experimenting, and the art of research, as is desirable for the teacher of experimental psychology. This work is open to all. Only those who have had sufficient experience are permitted to undertake independent investigations. Special arrangements are made for candidates for the Ph.D. degree. The results of all investigations belong to the archives of the laboratory. Those who undertake investigations thereby agree to prepare the results for publication, subject to approval, in the *Studies from the Yale Psychological Laboratory*.

[The two following courses may be taken either as studies in philosophy or as studies in Greek. Philological discussions will be introduced into both these courses in so far as such discussions may be necessary to a clear understanding of the thought involved.]

Dr. STEARNS :—

20 *Pre-Socratic Philosophy.* 2 hrs.

The sources and remains of the earliest Greek Philosophy are critically examined and interpreted with a view to explain the origin and first developments of that line of reflective thinking which has had most influence upon modern scientific and philosophical ideas and problems.

21 *Aristotle.* 2 hrs.

Selected chapters in the *Metaphysics* are translated and interpreted. Especial emphasis is laid upon the new and enduring conceptions which underlie Aristotle's thinking. The effort is constantly made to understand the philosophical thought of the author, and to illustrate and criticize it by comparison with the now current thought on the same topics.

Dr. GREEN :—

22 *History and Theory of Education.* 2 hrs.

This course will comprise readings and lectures on the history and theory of modern education. The bearing of psychology upon methods of teaching and curricula will be considered, followed by a study of the works of the great educational Reformers, closing with a critical study of present theory and practice. The course is especially but not exclusively adapted to all who intend to engage in educational work.

[Mondays and Fridays, 3 P. M.]

\*23 *Readings in Philosophy.* 2 hrs.

[See Course 5, page 60.]

THE PHILOSOPHICAL CLUB is designed to afford opportunity both for comparison and discussion of views among all the students in this Department, and also for hearing addresses and papers from distinguished authorities on philosophical subjects, who are not connected with the Department as teachers. The customary meetings of the Club are fortnightly, on Tuesday evenings. All graduate students who take courses in philosophy are entitled to membership, on application; others may be admitted to membership by vote of the existing members.

## II. ECONOMICS, SOCIAL SCIENCE, HISTORY, AND LAW

EDWARD J. PHELPS, LL.D.	GEORGE P. FISHER, D.D., LL.D.
WILLIAM H. BREWER, Ph.D.	ARTHUR M. WHEELER, LL.D.
WILLIAM G. SUMNER, LL.D.	CHARLES H. SMITH, LL.D.
GEORGE B. ADAMS, Ph.D.	HENRY W. FARNAM, R.P.D.
ARTHUR T. HADLEY, M.A.	GEORGE L. FOX, M.A.
EDWARD G. BOURNE, Ph.D.	WILLIAM F. BLACKMAN, Ph.D.
EDWIN B. GAGER, B.A.	JOHN C. SCHWAB, Ph.D.
OLIVER H. RICHARDSON, Ph.D.	IRVING FISHER, Ph.D.
FREDERICK WELLS WILLIAMS, M.A.	FRANK STRONG, Ph.D.

## ECONOMICS AND SOCIAL SCIENCE

Professor SUMNER :—

- 1 *Anthropology.* 2 hrs.  
A careful study of Ranke's *Der Mensch* (2d ed.), with an examination of the separate topics by means of all the appropriate material.
- 2 *Systematic Societology*; Section IV. a. 2 hrs.  
An ethnological study of the development of the *Mental Operations* and of the growth and contents of the *Mental Outfit* of the human race, in the earlier stages; knowledge and pseudo-knowledge, world-philosophy, otherworldliness, industrial theories, mores, codes, mental training, traditional wisdom.  
[Wednesdays and Thursdays, 10.30 A. M.]
- 3 *Politics and Finance in the History of the United States.* 2 hrs.  
A study of the evolution of the institutions of the democratic republic, of the societal organization, and of the history of the money of account.  
[Mondays, 10.30 A. M. and Wednesdays, 9.30 A. M.]
- 4 *The Industrial Revolution of the Renaissance Period.* 2 hrs.  
A chapter in the history of the development of the industrial organization. The industrial element in the Renaissance. The transition from medieval to modern society in its causes, new elements, effects on classes, effects on economic doctrine. Changes imposed on the industrial organization; world-commerce, land-tenure, handicrafts, banking, and money.  
[Not given in 1898-99.]



5 *The Beginnings of the Industrial Organization.* 2 hrs.

An ethnological study of the industrial organization from its earliest beginnings. Division of labor between the sexes and the special functions of each; regulation of industry; slavery; formation of capital; discoveries and inventions; domestication of animals and plants; money, etc.

[Not given in 1898-99.]

\*6 *The Science of Society.* 2 hrs.

[See Course 40, page 67.]

\*6a *The Science of Society.* 2 hrs.

[See Course 41, page 68.]

Professor FARNAM :—

7 *Pauperism.* 2 hrs. 1st term.

An examination of the nature and causes of indigence, the history of efforts to deal with it, and some of the modern problems arising in connection with it.

[Not given in 1898-99.]

8 *The Modern Organization of Labor.* 2 hrs. 2d term.

These lectures treat of the historical antecedents and the development during the nineteenth century of associations of wage-receivers. They therefore include an account of the structures, aims, and methods of such societies in different countries, together with a discussion of their relations to socialism, the factory system, labor disputes, labor legislation, workmen's insurance, provision for the unemployed, and other features of the modern industrial world.

[Not given in 1898-99.]

9 *The Principles of Public Finance.* 2 hrs.

A systematic survey of the means by which the expenditures of government are met, regard being had both to the economic principles involved and to the fiscal systems of modern states. Leading topics are: the budget, taxation (national and local), public debts, and state banks considered as aids to public credit.

[Mondays and Wednesdays, 11.30 A. M.]

## Professor HADLEY :—

10 *Economic Problems of Corporations.* 1 hr.

This course deals with the growth of combinations, trusts, and monopolies ; the difficulties connected with private and with public management of such monopolies ; the control of services rendered and prices charged ; with especial reference, under the latter head, to the subject of railroad regulation.

[Thursdays, 12 M.]

11 *The Relation between Economics and Ethics.* 2 hrs.

An historical study of the development of moral and legal standards in their relations to one another, followed by criticisms of various schemes of social policy and legislation. No one is admitted to this class who is not well grounded in the general principles of Economics. The members of this class are expected to prepare critical papers as an essential part of the work of the class.

The topics treated in 1898-99 are wages, factory-acts, foreign competition and its effects on labor, the eight-hour movement, strikes, arbitration, coöperation, government management of industry, schemes for the abolition or mitigation of poverty. In 1899-1900 the general problems of property rights, tenure, sale, and remuneration will be treated ; in 1900-01, those of money, credit, and monopolies.

[Fridays, 8.30 A. M.]

\*13 *Railroad Transportation.* 2 hrs.

[See Course 37, page 67.]

## Professors HADLEY and IRVING FISHER :—

\*14 *Economics (General Course).* 3 hrs.

[See Course 30, page 65.]

## Professor BLACKMAN :—

15 *Social Science.* 2 hrs.

A study of some important problems of American life, such as the negro ; the immigrant ; the defective, dependent, vicious and criminal classes (charities and corrections) ; the city ; the wage and factory system ; the family ; and communism, socialism, and anarchism. The lectures are supplemented by reports and book-reviews by the students, and (probably) by a visit to the charity and correctional institutions of New York. As

introductory to the course, a few lectures are given on the study and literature of Sociology.

[Wednesdays and Saturdays, 8.25 A. M.]

16 *The Literature of Sociology.* 2 hrs. 1st term.

A classification of the principal writers in "schools," and a comparison and contrast of their points of view and methods: a. contractual (Rousseau); b. positivist (Comte); c. evolutionary (Spencer, Drummond); d. biological (Schäffle); e. psychological (Tarde, Durkheim, Le Bon, Simmel, Ward, Giddings, Baldwin); f. "group-wise" (Gumplowicz); g. observational, and statistical (Le Play, Quetelet); h. theocratic (Old Testament).

[Thursdays, 10 A. M.]

17 *A Sociological Study of the Family.* 1 hr. 2d term.

Its biological and psychological bases; its history; matriarchy and patriarchy; polyandry, polygyny, monogamy; heredity, physical and social; prostitution, and divorce; the moral and social significance of the family.

[Thursdays, 10 A. M.]

18 *The Social Teaching and Influence of Christianity.* 1 hr.

Selected portions of the following works will be studied and discussed: Friedländer's *Sittengeschichte Roms*, Sienkiewicz's *Quo Vadis*, Mathews's *Social Teaching of Jesus*, Schmidt's *Social Results of Early Christianity*, Uhlhorn's *Conflict of Christianity with Heathenism* and *Die Christliche Liebesthätigkeit*, Nash's *Genesis of the Social Conscience*, Lecky's *History of European Morals*, Dennis's *Christian Missions and Social Progress*.

[Thursdays, 8.25 A. M.]

Professor SCHWAB :—

19 *Finance.* 2 hrs.

An advanced course of lectures upon applied economics. The topics covered will be: First term: The principles of Money and Banking. (Jevons's *Money* and Dunbar's *Banking*.)

Second term to Easter: Monetary and banking history of the United States. (White's *Money and Banking* and Sumner's *Investment Securities*.)

Second term, Easter to June: Public Finance. (Plehn's *Public Finance*.)

[Mondays and Thursdays, 11.30 A. M.]

20 *United States Industrial History.* 2 hrs.

An advanced course of lectures upon the industrial and tariff history of the United States (first term); on the principles of international trade and railway transportation (second term to Easter); and on the modern organization of industry and trusts (Easter to June).

Books used: Taussig's *Tariff History of the United States*, 1898, Bastable's *Commerce of Nations*, Hadley's *Railroad Transportation*, and von Halle's *Trusts*.

[Tuesdays and Fridays, 11.30 A. M.]

21 *United States Financial History.* 1 hr.

A course of investigation in the financial and economic history of the United States. The period investigated during 1898-99 is the years 1861-79. Special topics are assigned to the members of the class, such as the inflation movement; price fluctuations; the "greenback" in politics; the war finances of the United States.

During 1899-1900 the course will cover the years 1873-1900, and especially the subject of silver legislation.

[Wednesdays, 11.30 A. M.]

22 *The Finances of the Confederate States, 1861-1865.* 1 hr.

A course of lectures on selected chapters from the financial history of the Confederate States. Leading topics are: The tax and the loan policy in the North and in the South during the Civil War; the inflation movement, price fluctuations and speculation; constitutional questions involved in the war; the States-Rights and the Union sentiments in the South; the banks and the industries; historical parallels. These topics are treated from the standpoint of economic rather than of political history.

[Tuesdays, 10.30 A. M.]

Professor IRVING FISHER :—

23 *Principles of Economics (advanced course).* 2 hrs.

This course is designed for those who wish to make a special study of economic principles and of the outlying problems of economic science. It is open only to those who have taken course 14 or its equivalent. Mathematical methods are employed where useful. In view of these methods the course is prefaced by a few lessons in elementary calculus. These are followed by the analysis of: I, value and prices; II, general price-levels; III, effects of "appreciation" and "depreciation"

with statistical discussion ; IV, bimetallism and other currency schemes with especial reference to the experience of France, Austria, and India ; V, international trade ; VI, capital and interest ; VII, distribution.

Cournot's *Mathematical Theory of Wealth* and Fisher's *Introduction to the Calculus ; Value and Prices ; and Appreciation and Interest*, are used as a basis. Reading is also assigned in other works, especially recent investigations. Special papers are read by members of the class.

[Wednesdays and Saturdays, 10.30 A. M.]

24 *Vital Statistics and Life Insurance.* 2 hrs. first term.

The relations of statistics to the theory of population, the construction of life tables, and the laws of insurance.

[Wednesdays, 8.30, and Saturdays, 9.30 A. M.]

25 *Statistics (General).* 2 hrs. second term.

The sources and reliability of statistical data are discussed, and the methods of distinguishing true and false inferences are pointed out. Mayo-Smith's *Statistics and Sociology* is used as a basis.

[Wednesdays, 8.30, and Saturdays, 9.30 A. M.]

Dr. BAILEY :—

26 *The Economic System of Classical Antiquity.* 1 hr.

A critical study is made of the political and social institutions of Greece and Rome. The lectures treat of the income and expenditure of the state, the currency, credit instruments, poor relief, slavery, land tenure, commerce, trade regulations, marriage institutions, etc.

[Tuesdays, 9.30 A. M.]

LAW

Professor E. J. PHELPS :—

\*27a *Law.*

2 hrs. 2d term.

Mr. GAGER :—

\*27b *Jurisprudence.*

2 hrs. 1st term.

[See Course 45, page 68.]

Mr. Fox:—

28 *Comparative Municipal Government.* 1 hr.

The subject is treated from a practical rather than an historical point of view, and has a close relation to the future work of the student as a citizen. Some of the subjects considered are the sphere and functions of city government, existing and proposed; organization and methods of administration; relation to the higher legislature; attitude toward natural monopolies; sources of revenue and methods of expenditure. The leading types of American city government are described, together with a survey of European cities. Original reports upon city charters are required, and occasional debates may be held on questions of municipal policy.

[Tuesdays, 4 P. M.]

# HISTORY

Professor BREWER:—

29 *Physical Geography in its relation to History.* 1 hr. 2nd half of 2d term.

A course of about ten lectures discussing the following topics: the relations of man to the region he inhabits; physical geography as related to the development of civilization; natural aids to the defence and protection of communities; natural facilities for commerce; the effect of these several factors on the history of nations; and the modification of these natural conditions by modern science and invention.

[Thursdays, 10.30 A. M.]

Professor WHEELER:—

30 *History of Treaties, 1763-1815.* 1 hr.  
[Thursdays, 10.30 A. M.]

\*31 *History of Europe since 1789.* 2 hrs.  
[See Course 54, page 70.]

32 *Investigation of special topics in European History from 1789 to 1815.* 1 hr.

A general knowledge of the period, and ability to read French or German easily, are required.

[Saturdays, 11.30 A. M.]

- 33 *Constitutional History of England since 1760.* 1 hr.

Professor C. H. SMITH :—

- 34 *American History.* 2 hrs.

History of parties and careers of party leaders until the death of President Taylor in 1850. For topical study and discussion by the class.

[Tuesdays, 10.30 to 12.20 A. M.]

- 35 *American History.* 2 hrs.

Political and constitutional history of the United States from the time when extension of slavery into the territories became a leading question until the close of the Reconstruction period in 1877. For topical study and discussion by the class.

[Fridays, 9.30 to 11.30 A. M.]

- 36 *American History.* 1 hr.

Formation and development of the Federal Constitution, with incidental consideration of the State constitutions.

A lecture course, with an examination at its close for those who are candidates for a degree.

[Tuesdays, 9.30 A. M.]

Professor ADAMS :—

- \*37 *Medieval History.* 2 hrs.

[See Course 50, page 69.]

- 38 *Medieval Institutions.* 2 hrs.

This course extends through two years, and considers the most important European institutions between the fall of Rome and the sixteenth century. The student is made acquainted with the literature of the subjects treated and with the collections of original material. He is expected to investigate selected topics in the sources and to report to the class upon them, and especial attention is paid to the principles of criticism and to methods of research.

The second year's course (*b*) is given in 1898-99.

*a.* The first year's course covers early German institutions ; their modification under Roman influence ; the development of the papal power and its special institutions ; the institutions of Charlemagne's empire ; the origin and the final forms of feudalism ; and the beginnings of national governments.

[Course *a* is not given in 1898-99.]

b. In the second year's course especial attention is given to the growth of English institutions after the Norman conquest, the introduction of feudalism, the administrative system, the courts and the jury, taxation, parliament, and the limited monarchy. These are studied in comparison with the corresponding institutions of the continental states, and the similarities and differences will be noticed. Important continental institutions imperfectly or not at all represented in England are also studied.

Dr. WHITE :—

38a *Interpretation of Medieval Economic Documents.*

1 hr. 2d term.

Characteristic documents relating mainly to 12th and 13th century economic history are to be carefully studied with reference both to language difficulties and historical criticism. Such documents will be selected as will tend to throw the most light on the leading economic problems of the medieval period. The work is to be based on *Documents Relatifs à L'Histoire de L'Industrie et du Commerce en France*, edited by Fagniez.

Professors ADAMS and BOURNE :—

39 *Methods of Historical Research and Criticism.* 1 hr.

The first half of this course, under Professor Bourne, consists of lectures and discussions on the principles of historical criticism, for which Langlois and Seignobos' *Introduction to the Study of History* will serve as an outline. A few typical problems of internal and external criticism will be examined by the class and thoroughly analysed. The second half, under Professor Adams, consists of practical exercises in the study of selected historical documents, so arranged as to furnish examples of all the important points of method. The weekly exercises in this course may occupy two hours.

[Mondays, 3 P. M.]

Professor ADAMS :—

\*40 *English Constitutional History.* 2 hrs.

[See Course 53, page 70.]

Professor BOURNE :—

\*41 *American History (Colonial).* 2 hrs.

[See Course 61, page 72.]



- \*42 *American History (National).* 2 hrs.  
[See Course 62, page 73.]

- 43 *European Colonies in America.* 2 hrs.

A comparative study of the colonization of the New World. This course begins with a brief review of medieval commerce and of the impulses promoting the voyages of discovery. This is followed by a more detailed study of representative colonies. The Spanish, French, and English colonies are compared with each other and with their respective mother countries. Particular attention is given to the various forms of colonial administration and to the early steps toward Union. In the latter part of the course the causes of the American Revolution and the downfall of the old colonial system are examined.

[Omitted in 1898-99.]

- 44 *Sources and Literature of American History.* 1 hr. 2d term.

Informal lectures with reports and criticisms by the class.

[Omitted 1898-99.]

- 45 *Modern European and English Historiography.*

1 hr. 2d term.

History of modern historical literature and investigation from the middle of the eighteenth century. After a brief review of the general condition of historical studies in the last century, the modern development of historical study in Germany, France, and England is examined and its progress followed in the representative works of historical scholarship down to our own time.

- 46 *Diplomatic History of the United States.* 2 hrs. both terms.

History of the foreign relations of the United States from the beginning of the Revolution to the close of the Civil War. Special attention is given to the relations with Spanish America and to the annexations of territory. A reading knowledge of Spanish is very helpful for the prosecution of this course.

[Tuesdays and Thursdays, 3 P. M.]

Dr. F. STRONG :—

- 47a *Social and Economic History of the United States from 1830 to 1876.* 1 hr.

This is a research course and has especial reference to the Middle, Southern, and Western States. Among other things

the attempt is made to get a clear view of the life of the people. The social aspects of the slavery problem and allied subjects are taken up. A thorough study is made of the apportionment of immigration for the period and the results produced. The social, industrial, and religious changes about 1830 are carefully considered, and the western movement with especial reference to the religious influences acting upon it is studied. Social and religious movements are considered with their bearing on the Civil War, together with the social and economic changes during and after the Civil War. The economic side of the Reconstruction period is emphasized.

[Mondays, 5 P. M.]

47b *Political and Social History of the Southern States.* 1 hr.

This course deals primarily with the period after 1860, but some study of conditions prior to that time is necessary. It includes among other things an examination into the condition of the slave population before 1860: (a) as to their material condition—food, clothing, labor, dwellings, discipline, foreign and domestic slave trade, and a full study of the slave codes of all the States: (b) as to their intellectual and moral status—marriage, slave-breeding, &c., moral and intellectual training, religious training.

It includes also the corresponding condition of (a) the large slaveholders, (b) the small slaveholders, and (c) the non-slaveholders, as to its bearing on the development of social and political forces. The attempt is then made to study the problems of Reconstruction and Negro Suffrage from the standpoint of these data.

[Omitted 1898-99.]

48 *The History of England during the Commonwealth and Protectorate, etc.* 1 hr.

This is a research course and has especial reference to the social and economic aspects of the period. As introductory, the growth of democratic ideas in England before 1649 and the rise of the new religious sects are taken up. A thorough study is made, among other things, of the finances of the Commonwealth and Protectorate; Cromwell's foreign and colonial policies, and his relations to the mercantile system and the Elizabethan Age; the transportation of idle and disaffected persons to English colonies; kidnapping and kindred subjects.

Attention is given to the colonial expansion of the British Empire, and the development of the colonial system down to the American War for Independence, together with some necessary consideration of the reflex action on the colonies. A rapid survey is made of English History of the 18th century.  
[Thursdays, 5 P. M.]

Assistant Professor RICHARDSON :—

- 49 *English History from the accession of the Tudors to the reign of William and Mary.* 2 hrs.

This course extends through two years and lays more stress upon the constitutional than upon the political side of the subject. Construction of bibliographies, and reports based upon independent investigation of the sources, form an important part of the work.

a. The course for the first year embraces the period between 1485 and 1603. The reign of Henry VII. is studied from the early chroniclers and the statutes, but especial attention is paid to constitutional developments under Henry VIII. and Elizabeth. [Course *a* is not given in 1898-99.]

b. The course for the second year embraces the period between 1603 and 1688. The constitutional history of the Puritan Revolution receives especial consideration. The work consists in large part of a systematic study of the documents contained in Prothero's *Statutes and Constitutional Documents*, and Gardiner's *Constitutional Documents of the Puritan Revolution*. [Course *b* is presented in 1898-99.]

[Monday, 10.30 A. M.]

- 50 *Renaissance and Reformation.* 1 hr.

This course includes the study of the writings of the time, particular attention being given to selected works of Hutten, Luther, and Erasmus.

[Tuesdays, 9.30 A. M.]

- \*51 *English Political History.* 2 hrs.

[See Course 52, page 69.]

- \*52 *History of Europe from the Reformation to the French Revolution.* 2 hrs.

[See Course 51, page 69.]

Mr. F. W. WILLIAMS :—

- \*53 *Ancient Oriental Nations from the earliest times.* 2 hrs.  
[See Course 57, page 70.]
- \*54 *Modern Asiatic History.* 2 hrs.  
[See Course 59, page 71.]
- \*55 *Medieval Asia and the Mohammedan Conquest.* 2 hrs.  
[See Course 58, page 70.]

Professor GEORGE P. FISHER :—

- 56 *General Church History.* 3 hrs.

This course comprises the following topics: The nature, divisions, and sources of Church History, with a review of the literature on the subject; the old or preparatory dispensation in its relation to Christianity; the condition of the Graeco-Roman world at the introduction of the Gospel; the establishment of Christianity, and the conflicts of the apostolic age; the spread of Christianity, including especially the conversion of the Roman Empire and of the Teutonic nations; the changes in ecclesiastical polity in the early centuries; the organization of Latin Christianity under the Papacy; the relations of the Papacy and the Church to civil society in the Middle Ages; the Protestant Reformation, with its causes and the systems of polity adopted by the different Protestant churches; Christian life, and its characteristic features in the successive eras (including the rise and subsequent history of monasticism); the history of Christian worship.

[Mondays, Thursdays, and Saturdays, 10 A. M.]

- 57 HISTORICAL SEMINARY.

An advanced course in the methods of historical research is conducted by the professors of History. The members of the course prepare papers upon topics selected with especial reference to the possibility of a comparatively brief treatment based upon a full examination of the existing sources. The opening sessions of the year are devoted to bibliographical work, and to questions of difficulty which may arise in the preparation of the papers. The later sessions are occupied with the reading of the papers and their criticism by the members of the course and by the professor in whose department the topic falls. This criticism has especial reference to the handling of the sources, the constructive method employed, and

the validity of the results. The members of this course must have taken course 39 or show an equivalent preparation.

THE POLITICAL SCIENCE CLUB meets fortnightly for the reading and discussion of papers, and for reports on current literature. A convenient room in White Hall (No. 11) is set apart for its use, and contains a small departmental library which is accessible to the graduate students at all hours of the day. As the books are not allowed to be taken from the room, this library is particularly helpful to graduate students when they wish to refer to some authority which is temporarily withdrawn from the University library.

The Department of History has three rooms at 90 High street for the use of the graduate students. These rooms have been newly furnished by a friend of the University, and a valuable nucleus for a working library in English and American History has been supplied. This collection will be increased as rapidly as the means at the disposal of the department will allow, and will be extended to cover European history as adequately as possible. This library will also contain the standard treatises on diplomatics, palaeography, geography, and the other studies auxiliary to historical investigation.

### III. SEMITIC LANGUAGES AND BIBLICAL LITERATURE

EDWARD L. CURTIS, Ph.D., D.D.	FRANK C. PORTER, Ph.D., D.D.
BENJAMIN W. BACON, Litt. D., D.D.	FRANK K. SANDERS, Ph.D.
HARLAN CREELMAN, Ph.D.	WARREN J. MOULTON, Ph.D.
HARRY W. DUNNING, Ph.D.	MEYER WOŁODARSKY, Ph.B.

#### HEBREW

Professor CURTIS:—

- I *Elementary Hebrew.* 5 hrs.

The year's work includes a complete mastery of the elements of Hebrew and the translation of Genesis and of Exodus i-xxiii.

[Tuesdays — Saturdays, 11.30 A. M.]

- 2 *Readings in Unpointed Texts.* 1 hr.  
A critical reading of the text of 1 and 2 Samuel, using Driver's Notes and Budde's edition in the *Haupt Polychrome Hebrew Bible*.
- 3 *The Book of Job.* 1 hr.  
Grammatical and historical exegesis of the Hebrew text. (Lectures and recitations.)  
[Omitted in 1898-99.]
- 4 *The Five Megilloth.* 1 hr.  
Grammatical and historical exegesis of the Hebrew text. (Lectures and recitations.)  
[Omitted in 1898-99.]
- 5 *Selections from the Psalter.* 2 hrs. 1st term.  
Grammatical and historical exegesis of the text, with attention to New Testament interpretation and homiletical application.  
[Tuesdays and Fridays, 10.30 A. M.]
- 6 *The Book of Isaiah.* 1 hr. 2d term.  
Grammatical and historical exegesis of the Hebrew text.  
[Wednesdays, 10.30 A. M.]

Professor SANDERS:—

- 7 *Hebrew Poetical Literature.* 1 hr.  
A survey of the entire field of Hebrew poetical literature, with emphasis upon the relation of form to interpretation, accompanied by lectures on Semitic poetry.  
[Wednesday, 10.30 A. M.]
- 8 *Hebrew Syntax.* 1 hr.  
A careful study of the principles of Syntax, making classroom use of Harper's *Elements of Hebrew Syntax*, and of Driver's *Tenses*, with references to other authorities, and with some attention to comparative Syntax. During the year various passages in the Bible are read critically with reference to a syntactical interpretation.  
[Tuesday, 11.30 A. M.]
- 9 *Textual Criticism of the Old Testament.* 1 hr.  
A close textual study of some one of the Minor Prophets, making use of the apparatus of the lower criticism to restore the original text. At the beginning and at the close of the year's work lectures are given on the apparatus, methods, and history of O. T. criticism.  
[Omitted in 1898-99.]

## Dr. CREELMAN :—

- 10 *Elementary Hebrew.* 2 hrs.

[See Course 170, page 93.]

- 11 *The Book of Ezekiel.* 1 hr.

The rapid reading of the book of Ezekiel in Hebrew with interpretation of its contents in their historical setting, especial attention being paid to prophetic symbolism and to prophetic and apocalyptic ideas.

[Thursdays, 5 P. M.]

## Dr. DUNNING :—

- 12 *Advanced Hebrew.* 2 hrs.

A course which continues course 10 and carries the student as far as the first year of Hebrew in a theological seminary. It includes a thorough review of the grammar, and the careful reading of the books of Samuel, and of portions of the Minor prophets.

[Tuesdays and Thursdays, 3 P. M.]

- 13 *Sight-reading in Hebrew.* 1 hr.

The class reads at least two hours each week, but they may be counted as the equivalent of one hour only. Special attention is paid to the acquisition of a working vocabulary. Two divisions are usually organized, one to read historical prose and an advanced division to read in the prophets and wisdom-literature.

[Elementary Division, Wednesdays, 4 P. M.]

[Advanced Division, Wednesdays, 8.30 A. M.]

## Professor SANDERS :—

- 14 *Arabic Poetical and Philosophical Literature.* 2 hrs.

The first half of the year is devoted to the *Mu'allagdt* and other poetical literature, read both with and without the unpointed commentary. In the second half of the year the class makes constant use of the valuable Salisbury collection of mss. and texts in the University library. Lectures on Arabic literature are given at intervals throughout the year.

[Fridays, 8-10 P. M.]

## Dr. CREELMAN :—

- 15 *Beginning Arabic.* 2 hrs.

[See Course 175, page 94.]

16 *Beginning Assyrian.* 2 hrs.

The year's work includes the mastery of the more common cuneiform signs, the principles of the language, the rapid reading of much transliterated material, the careful reading of selected portions of the texts of Tiglathpileser, Shalmaneser, and Sennacherib in the cuneiform, together with lectures on the outlines of Assyro-Babylonian history and literature.

[Mondays and Fridays, 5 P. M.]

17 *Assyrian and Babylonian Inscriptions.* 2 hrs. 1st half-year.

Selected inscriptions from the annals of the later Assyrian kings, and of the Neo-Babylonian empire, the Creation and Deluge tablets, etc.

[Tuesdays and Thursdays, 4 P. M.]

18 *Assyro-Babylonian History and Literature.*

2 hrs. 2d half-year.

A rapid reading with the use of Schrader's transliterated texts of the whole range of Babylonian and Assyrian historical inscriptions, the object being to gain a familiarity with the literature and the history, and a critical estimate of the relation of one to the other.

[Tuesdays and Thursdays, 4 P. M.]

Dr. DUNNING :—

19 *Arabic Prose Literature.* 2 hrs. 1st half-year.

A rapid reading of selections from the Arab historians and from the *Thousand and One Nights*, followed by a close study of the *'Ajurrāmiya* or the *Kitāb al Aghāni*. Lectures are given on the history of Islām.

[Tuesdays and Thursdays, 8.30 A. M.]

20 *The Qur'ān.* 2 hrs. 2d half-year.

Interpretation of the early Meccan suras and of selections from those of other periods, accompanied by a study of the life of Muhammad.

[Tuesdays and Thursdays, 8.30 A. M.]

21 *Biblical Aramaic.* 2 hrs. 1st half-year.

A study of the elements of Aramaic, with a reading of the Aramaic portions of the Scriptures and of selections from the Targums.

[Tuesdays and Thursdays, 9.30 A. M.]



22 *Syriac and the Textual Criticism of the New Testament.*

2 hrs. 2d half-year.

The principles of the language, using Nestle's *Syriac Grammar*, followed by reading in the Syriac New Testament. This course is intended as an introduction to New Testament textual criticism, and lectures are given on its apparatus and methods.

[Tuesdays and Thursdays, 9.30 A. M.]

23 *Ethiopic.*

2 hrs. 1st term.

A survey of the elements and distinctive structure of the Ethiopic, using Praetorius's *Äthiopische Grammatik* and referring to Dillmann, and reading some portions of the chrestomathy and one or two of Bachmann's texts.

[Mondays and Thursdays, 5 P. M.]

24 *Comparative Semitic Grammar.*

2 hrs. 2d term.

The reading and discussion of Wright's *Comparative Grammar*, special themes being presented in lectures and class-papers.

[Mondays and Thursdays, 5 P. M.]

Professor SANDERS and Dr. DUNNING :—

25 *Semitic Seminary.*

1 hr.

A course for the acquisition of methods in linguistic research and for the survey of the broad field of Semitic literature.

[Tuesdays, 5 P. M.]

26 *Ancient Traditions and History of the Jewish People.*

1 hr.

Studies in history and archaeology with a view of determining the meaning and historical value of the Biblical records.

[Thursdays, 8.30 A. M.]

27 *Analysis and Exposition of Isaiah, Jeremiah, and Ezekiel.*  
(English Bible.)

2 hrs. 2d term.

[Tuesdays and Fridays, 10.30 A. M.]

28 *Old Testament Introduction.*

1 hr.

A brief survey of the history of the canon, text, and versions, followed by special introduction to the Hexateuch and remaining Old Testament books. Lectures.

[Mondays, 11.30 A. M.]

Professor PORTER :—

29 *Biblical Theology of the Old Testament.*

2 hrs.

A history of the religion of Israel from its beginning to the time of Christ. Special attention is given to the work and teach-

ings of the several Prophets, to the significance of the Exile, and to the nature and history of post-exilic Judaism.

[Wednesdays and Saturdays, 11.30 A. M.]

30 *Biblical Theology of the New Testament.* 3 hrs.

The teaching of Jesus is examined in its individuality and in its historical relations and significance. The theology of the Apostolic age is then studied, with special reference to the sources, character, and influence of the thought of Paul.

[Tuesdays, Thursdays, and Fridays, 8.30 A. M.]

31 *Palestinian Jewish Literature.* 1 hr.

Readings from the Old Testament Apocrypha and the Jewish Apocalypses of the time of Christ, with especial attention to the late forms of Jewish Wisdom, and of the Messianic hope.

[Fridays, 5 P. M.]

32 *Hellenistic Jewish Literature.* 1 hr.

A course similar in character to course 31.

[Omitted in 1898-99.]

33 *Sources of the Teaching of Jesus.* 1½ hrs.

An investigation course for the study of critical problems connected with the use of the gospels as sources of the Teaching of Jesus.

[Thursdays, 11.30 A. M.]

Professor BACON :—

34 *Prolegomena to the New Testament.* 1 hr.

Lectures on philological and historical apparatus for New Testament exegesis, textual criticism, and history of the New Testament canon.

[Saturdays, 8.25 A. M.]

35 *The Pauline Epistles.* 3 hrs. 1st term.

Grammatico-historical exegesis of Galatians and Ephesians, with comparison of the Pauline system.

[Tuesdays, Wednesdays, Fridays, 8.25 A. M.]

36 *The Gospel of Mark.* 3 hrs. 2d term.

Historico-critical exegesis of the Gospel of Mark, with comparison of the synoptic tradition.

[Tuesdays, Wednesdays, Fridays, 8.25 A. M.]

- 37 *The History of New Testament Literature.* 2 hrs.  
Mondays, critical readings of the Book of Acts with application of the principles of historical and documentary criticism. Thursdays, lectures on special introduction to the several New Testament books.  
[Mondays, Thursdays, 8.25 A. M.]
- 38 *The Teachings of Jesus.* 3 hrs.  
Comparison of the Synoptic and Johannine tradition in the light of contemporary Jewish teaching. Seminary method.  
[Thursdays, 4-6 P. M.]

Professor SANDERS :—

- 39 *Biblical Literature (Pre-exilic).* 2 hrs.  
A constructive survey of the Old Testament as history and literature to the Babylonian exile, 586 B. C., each book being considered, as far as possible, in its appropriate chronological connection. The history of the Hebrew people is treated both as an integral part of Western Asiatic history and as a history of religious development. The course aims to promote (1) a thorough but general familiarity with the contents of the English Old Testament, (2) a realization of the significance of Hebrew history, (3) an appreciation of the Bible as a noble literature, and (4) an intelligent attitude towards many problems raised by Biblical criticism. Nearly two-thirds of the Old Testament is covered in the course of the year.  
[Wednesdays and Saturdays, 9.30 A. M.]
- 40 *Biblical Literature (Post-exilic).* 2 hrs.  
A survey of Biblical history and literature from the period of the exile, 586 B. C., to the close of the first Christian century, including the books of the Old Testament not considered in course 39, some apocryphal literature and the whole of the New Testament. This course is complete in itself, while, with course 39, it covers the whole Bible, and the whole range of Asiatic history down to the Roman domination, as far as it relates to Biblical history.  
Students in both courses have access to a carefully selected reference library and to much illustrative material.  
[Tuesdays and Fridays, 10.30 A. M.]
- 41 *English Bible Seminary.* 2 hrs.  
An investigation course, intended to train men for patient and accurate investigation of Biblical questions.

The course is very informal, the class meeting at regular intervals to report and compare results of individual study of themes assigned by the instructor.

[Wednesdays, 2-4 P. M.]

Dr. CREELMAN :—

- 42 *Messianic Prophecy (English)*. 1 hr.

A survey of the Messianic passages in the Old Testament, so far as to show the historical development of the conception and the various forms in which it was embodied.

[Wednesdays, 2 P. M.]

- 43 *The Minor Prophets (English)*. 1 hr.

A detailed study of each of the twelve Minor Prophets taken in chronological order, in connection with the survey of the general subject of Prophecy.

[Omitted in 1898-99.]

- 44 *Studies in the Gospels (English)*. 1 hr.

A study for the first half-year of the Gospels as books, noting their form, contents, and characteristics. During the second half-year the non-Pauline epistles are studied.

[Fridays, 2 P. M.]

- 45 *The Pauline Epistles (English)*. 1 hr.

A detailed study of each of the epistles of Paul taken in chronological order.

[Omitted in 1898-99.]

Dr. DUNNING :—

- 46 *Biblical Geography and Archaeology*. 1 hr.

A study of the historical geography of Palestine, attention being called to the assured results of recent exploration. The latter part of the year is devoted to an historical and comparative study of Biblical archaeology.

[Tuesdays, 2 P. M.]

- 47 *Old Testament Wisdom-Literature (English)*. 1 hr.

A study of the books of Job, Ecclesiastes, Proverbs, and the Song of Songs, in connection with a survey of the character, development, and leading points of Hebrew speculative thought.]

[Omitted in 1898-99.]

Dr. MOULTON :—

- 48 *The History of the LXX and its Use in Criticism.* 2 hrs.

A course particularly intended for those who desire a better acquaintance with the use of the Septuagint in textual criticism.

[Mondays and Thursdays, 4 P. M.]

- 49 *The History of the Maccabean Period.* 1 hr.

A critical study of the sources of the history as a basis for an estimate of its importance as an historical period.

[Fridays, 11.30 A. M.]

Mr. WOŁODARSKY :—

- 50 *Readings in Post-Biblical Jewish Literature.* 1 hr.

A sight-reading course in Rabbinic and Talmudic literature.

[Wednesday evenings.]

- 51 *Conversational Hebrew.* 1 hr.

A class for the practice of Hebrew conversation and the reading of current Hebrew.

[Fridays, 4 P. M.]

For courses in Hellenistic Greek compare the announcement of the Department of Classical Philology.

THE BIBLICAL CLUB, composed of the instructors, students who are studying for a degree and others who are interested in the work, holds stated monthly meetings at which papers on subjects of interest to Biblical students are presented and discussed.

#### IV. CLASSICAL AND INDO-IRANIAN PHILOLOGY

TRACY PECK, M.A.	HENRY P. WRIGHT, Ph.D., LL.D.
BERNADOTTE PERRIN, Ph.D., LL.D.	THOMAS D. SEYMOUR, LL.D.
EDWARD P. MORRIS, M.A.	HENRY R. LANG, Ph.D.
THOMAS D. GOODELL, Ph.D.	E. WASHBURN HOPKINS, Ph.D.
HORATIO M. REYNOLDS, M.A.	CORNELIUS L. KITCHEL, M.A.
JAMES J. ROBINSON, Ph.D.	HANNS OERTEL, Ph.D.
CECIL K. BANCROFT, B.A.	CHARLES S. INGHAM, Ph.D.
CHARLES W. L. JOHNSON, Ph.D.	JAMES W. D. INGERSOLL, Ph.D.
ARTHUR L. WHEELER, Ph.D.	T. WOOLSEY HEERMANCE, Ph.D.

## GREEK

Professor PERRIN :—

- 1 *Thucydides, and the Historical Tradition of the Pentekontaetia.* 3 hrs.

Lectures and Seminary Exercises.

(a) The history of Thucydides will be read entire, and collections made of all materials throwing light on the genesis, sources, progress, and termination of the work, and on the design, spirit, and methods of the writer.

(b) The *Pentekontaetia* (i. 89-117) is more carefully analyzed, and the tradition of the history of this period, from Thucydides to Plutarch, is critically examined. Plutarch's *Kimōn* and *Perikles* are read with special reference to their sources.

A good reading knowledge of German is necessary for the successful prosecution of this course.

[Mondays, Wednesdays, and Fridays, 11.30 A. M.]

- 2 *Pausanias.* 1 hr.

Lectures and Seminary Exercises.

A practical introduction to Pausanias, and a critical reading of his description of Olympia, with illustrations from the excavations of 1876-81. The complete Teubner text of Pausanias is the only text-book required.

[Omitted in 1898-99.]

Professor SEYMOUR :—

- 3 *Epic Poetry.* 3 hrs.

Introduction to the critical study of Homer. Lectures on the history of Homeric study, Epic poetry, the composition and transmission of the poems, life in the Homeric times in its various aspects; Homeric language and verse. Followed by a familiar but critical interpretation (and exercises in interpretation and criticism) of portions of the *Odyssey*, and of the later Greek epics.

[Wednesdays, 4.30 to 6 P. M., and Fridays, 3.30 to 5 P. M.]

- 4 *Pindar and Bacchylides.* 2 hrs.

The odes of Pindar and Bacchylides are studied with specially qualified students, with exercises in the critical treatment and interpretation of the text, as a Greek Seminary course.

[Tuesdays, 4 to 6 P. M.]

- 5 *The Greek Orators.* 3 hrs.  
A study of Greek Oratory, beginning with the orations of Isaeus, and including some of the private orations of Demosthenes, with reference to Athenian life and law, as well as to the development of Attic eloquence.  
[Mondays and Thursdays, 8.30 to 10 A. M.]
- 6 *Aeschylus.* 3 hrs  
The extant plays of Aeschylus are read. The instructor interprets the *Prometheus* and parts of other plays. The members of the class later interpret in turn.  
[Omitted in 1898-99.]
- 7 *Plato.* 3 hrs.  
The *Republic*, and the portions of the other dialogues which are most important for its elucidation.  
[Omitted in 1898-99.]
- 8 *Greek Testament.* 1 hr.  
A philological study of St. Paul's Epistles to the Corinthians, and the chief characteristics of the Hellenistic diction.  
[Omitted in 1898-99.]
- 9 *History and Encyclopaedia of Greek Studies.* 1 hr. 1st half year.  
Fifteen familiar lectures, with special attention to bibliography.  
[Omitted in 1898-99.]
- \*10 *Plato and Aristotle.* 2 hrs.  
[See Course 124, page 85.]

Professor GOODELL :—

- 11 *Sophocles.* 3 hrs.  
Reading of the seven extant plays with special attention to the artistic form, including the poet's literary style, treatment of the myths, management of the action, use of meters, and the like. A brief but systematic introduction to Greek rhythmic and metric is given by lectures combined with practice in reading, chiefly from the text of Sophocles; to this is devoted one hour weekly.  
[Mondays, Wednesdays, and Fridays, 10.30 A. M.]

12 *Greek Art.*

2 hrs.

An introduction to the study of Greek architecture, sculpture, and pottery, with some attention to gems, coins, metal work, figurines, and painting, as illustrated by existing examples. Prominence is given to the historical development of Greek artistic production and its relation to other phases of Greek life and to modern art. A reading knowledge of French and German is essential.

[Omitted in 1898-99.]

## Professors REYNOLDS and OERTEL :—

13 *Greek Inscriptions.*

3 hrs.

a. *Attic Inscriptions*, with reference to the history of the alphabet, grammatical peculiarities, formulae, and historical content. The student is familiarized with the reading of inscriptions in their original form (by means of paper squeezes).

b. *Greek Dialect Inscriptions*. The more important dialect inscriptions are read together with a brief sketch of the phonology of each dialect. Causer's *Delectus Inscriptionum Graecarum* is used as a text-book.

## Professor REYNOLDS :—

14 *Aristotle's Poetics. Literary Criticism in Ancient Times.*

1 hr.

Interpretation of the *Poetics* and parts of the *Rhetoric*, with selections from Plutarch, Pseudo-Longinus, and Lucian.

[Omitted in 1898-99.]

15 *Late Greek Poetry.*

1 hr.

This course includes a survey of Alexandrian and later Greek poetry. Reading of the mimes of Herondas, with selections from the Anthology, and from the hymns of Callimachus, and other fugitive poetry.

\*16 *Euripides.*

2 hrs.

[See Course 133, page 87.]

\*17 *Lucian.*

2 hrs.

[See Course 132, page 87.]



Mr. KITCHEL :—

- \*18 *The Sicilian Invasion.* 2 hrs.

[See Course 134, page 87.]

- \*19 *The Choephoroi of Aeschylus, the Electra of Sophocles, and the Electra of Euripides.* 2 hrs.

[See Course 135, page 87.]

Dr. JOHNSON :—

- \*20 *Greek Composition.* 1 hr.

[See Course 137, page 88.]

Dr. HEERMANCE :—

- 21 *Modern Greek.* 1 hr.

A practical introduction to the subject, using E. Rizo-Rangabé's *Modern Greek Method* as outline, with some reference to other manuals. Particular attention is given to the colloquial language, largely on the basis of A. Thumb's *Handbuch der neugriechischen Volkssprache*.

[Thursdays, 2 P. M.]

#### LATIN

[NOTE.—Professor Peck has leave of absence for the year 1898-99 in order to serve as Director of the American School of Classical Studies in Rome. Courses 22-30 are therefore omitted for this year.]

Professor PECK :—

- 22 *Lucretius : the Younger Pliny.* 2 hrs.

- 23 *Latin Philology.* 1 hr.

- 24 *Roman Archaeology.* 1 hr.

- \*25 *Ennius, Lucretius, Vergil, and Horace.* 2 hrs.

- \*26 *The Letters of Cicero, Pliny, Fronto, and Marcus Aurelius.* 2 hrs.

- 27 *The Satires of Horace and the Dialogus of Tacitus.* 2 hrs.
- 28 *Early Latin.* 2 hrs.
- \*29 *Cicero (Brutus), Quintilian (X and XII), and Tacitus (Dialogus).* 2 hrs.
- \*30 *Tacitus (Annals, I-VI) and Suetonius (Augustus and Tiberius).* 2 hrs.

Professors H. P. WRIGHT and INGERSOLL:—

- \*31 *Latin Lyric Poetry.* 2 hrs.  
[See Course 147, page 89.]
- \*32 *Latin Satire and Comedy.* 2 hrs.  
[See Course 148, page 89.]

Professor MORRIS.

- 33 *Plautus.* 1 hr.  
Lectures introductory to the study of Plautus, dealing with his life, the presentation of the plays, the history of the text, the history of Plautine criticism, the language, and the metres.  
[Thursdays, 9.30 A. M.]
- 34 *Plautus.* 2 hrs.  
Critical study of a single play.  
[Omitted in 1898-99.]
- 35 *Historical Syntax.* 2 hrs.  
Lectures on the history of work in Latin Syntax during this century and on the principles and methods of the historical investigation of the modes and tenses; discussion of text-books and of a few typical specimens of work in this field; a partial outline of the syntax of the modes and tenses from the historical point of view.  
The lectures are followed by a study of the *qui* clause, the material for which will be collected by the students who take the course.  
[Tuesdays, 9.30 to 11.30 A. M.]

- 36 *Text-Criticism.* 1 hr.  
A very brief introduction on palaeography and on the general principles of text-criticism, with practice upon the text of Nepos.  
[Fridays, 10.30 A. M.]
- 37 *Catullus.* 2 hrs.  
Seminary course in the criticism and interpretation of Catullus.  
[Saturdays, 9.30 to 11.30 A. M.]
- \*38 *Vergil.* 2 hrs.  
[See Course 149, page 89.]
- \*39 *Cicero.* 2 hrs.  
[See Course 150, page 90.]
- 39a *Cicero.* 2 hrs.  
A course like the undergraduate course in Cicero, but more advanced. An attempt will be made to read all the speeches of Cicero, except perhaps the Verrine orations.
- \*40 *Sight-Reading.* 2 hrs.  
[See Course 151, page 90.]

## Professor LANG.

- 41 *Low Latin.* 1 hr.  
The aim of this course, which extends over two years, is to give an historical account of the popular speech of Rome and of the Roman provinces, and also an outline of its grammar and syntax, as it is disclosed to us by classical Latin, the testimony of the Latin grammarians, inscriptions, medieval documents, and the consensus of the Romance languages.  
The first year's course is taken up with lectures on the history and the grammar of Low Latin and the reading of a Low Latin text. For the present the following is used: J. F. Gamurrini, *S. Silviae Aquitanae Peregrinatio ad Loca Sancta*. Editio altera. Romae, 1888. Students will provide themselves first with E. Gorra's *Lingue neolatine* (Milano, Hoepli, 1894).  
[Wednesdays, 3 P. M.]
- 42 *Low Latin (second year).* 1 hr.  
The second year's course is taken up with the interpretation of Low Latin texts by the student and the study of special subjects assigned by the instructor.  
[Thursdays, 2 P. M.]

Dr. ROBINSON.

43 *Roman Law.* 2 hrs.

This course is intended to benefit those who desire an insight into Roman law as part of a liberal education as well as those who contemplate the study of law as a profession. The work consists of lectures, assigned readings, and recitations upon lectures and readings.

The text of the *Institutes* of Justinian is translated, the instructor explaining particularly the technical expressions of lawyer's Latin, and lecturing upon the titles which embrace the most important principles of Roman jurisprudence. The study of the *Institutes* is prefaced by lectures upon the history of Roman legislation and supplemented by reference to selected titles of the *Digest* and the commentaries of Gaius.

The Teubner text of *Justiniani Institutiones*, edited by Huschke, is used in the class-room.

[Mondays and Thursdays, 10.30 A. M., 9 Phelps Hall.]

Assistant Professor OERTEL :—

44 *The Italic Dialects* (first year). 1 hr.

After a brief survey of the peoples and languages of ancient Italy, the more important Oscan and Sabellic inscriptions are read and interpreted.

45 *The Italic Dialects* (second year). 1 hr.

Reading and interpretation of the more important Umbrian inscriptions, followed by a brief systematic exposition of Oscan and Umbrian Phonology and Morphology.

46 *Practice in the Writing of Latin Prose.* 1 hr.

This course is intended for advanced students in Latin, and should be taken only by those who have taken course 50 in Latin Composition, or its equivalent.

Messrs. BANCROFT and INGERSOLL :—

\*47 *Cicero and the Younger Pliny*: Select Letters. 2 hrs.

[See Course 157, page 91.]

Assistant Professor INGERSOLL :—

48 *Latin Comedy.* 1 hr.

About a dozen plays of Plautus, two or three of Terence, and the principal fragments from other writers of Latin Comedy. A reading course, intended to supplement the critical work on Plautus in other courses.

- \*49 *Latin Literature.* 2 hrs.  
[See Course 158, page 92.]

Dr. A. L. WHEELER :—

- \*50 *Latin Composition.* 1 hr.  
[See Course 159, page 92.]

- \*51 *Latin Elegy.* 2 hrs.  
[See Course 160, page 92.]

Dr. INGHAM :—

- \*52 *Roman History from Tiberius to Trajan.* 2 hrs.  
[See Course 161, page 92.]

For a course in Latin sounds and forms, see course 61.

#### INDO-IRANIAN PHILOLOGY AND LINGUISTICS

Professor HOPKINS :—

- 53 *Elementary Sanskrit.* 2 hrs.

Instruction in Sanskrit, beginning with Whitney's *Sanskrit Grammar*, and passing on to Lanman's *Reader*.

The elementary course in Sanskrit is designed especially for classical students, but it may be taken with profit by students of German or English, especially by those who intend to become teachers, and it is indispensable for those who pursue studies in the Comparative Grammar of Greek and Latin. The course is continued through the year, the first term being devoted mainly to the grammar, the second to interpretation. By the end of the year the student will have read portions of the classical and Vedic selections in Lanman's reader, and be fitted to pursue the work of the advanced course in the following year. On the other hand he will have attained such familiar acquaintance with Sanskrit grammatical forms and syntactical structure, as greatly to aid his comprehension of parallel phenomena in other Aryan languages.

[Tuesdays and Thursdays, 3 P. M.]

54 *Advanced Sanskrit.* 2 hrs.

Selections from the Rig-Veda and Brahmanic texts.

This course is intended for those that have had already at least one year's instruction in Sanskrit. It is addressed particularly to students of literature, social institutions, and religion. The first half of the year will be occupied with reading selections from the Vedic Hymns, which are not only a priceless heirloom of early religious thought, but also a mine of information in regard to early institutions. The special topic of the second term's reading will be the philosophical portions of the first Brahmanic works and Upanishads, the earliest Aryan prose.

[Tuesdays and Thursdays, 4 P. M.]

55 *History of Sanskrit Literature.* 2 hrs.

This course consists in a review of Vedic and classical Sanskrit literature from the earliest times to the Puranic period, with extracts read by the instructor to illustrate the various phases of literary development. It is not absolutely necessary that the student should be able to read Sanskrit, as the illustrations are presented in translation; thus those who desire a general knowledge of Sanskrit literature can follow the lectures. But as it is expected that those who take this course will ordinarily have some knowledge of Sanskrit, the translation is made with reference to these students especially, and they are provided as far as possible with the original texts, as read from day to day. In this way this course forms also a reading-exercise parallel to that in Advanced Sanskrit.

[Mondays and Wednesdays, 3 P. M.]

56 *Introduction to Comparative Syntax.* 2 hrs.

This course consists in an analysis of the syntactical facts presented by the Aryan languages, particularly Sanskrit, Greek, Latin, and early German. It is intended especially for students of these languages who desire a more thorough acquaintance with the problems of comparative syntax. To solve these problems a knowledge, if not of the Sanskrit language, at least of Sanskrit syntactical phenomena is necessary, and the lectures are accordingly planned with a view to explain these phenomena to those who have not studied Sanskrit as well as to those who have done so. At the same time it is desirable that the students should not be wholly ignorant of Sanskrit, and the course can be taken with more advantage if it is preceded by that in elementary Sanskrit.

[Omitted in 1898-99.]

57 *Avestan Language and Literature.*

1 hr.

Intended for those who desire to begin the study of Zoroaster's scriptures, the so-called Zend-Avesta. Avestan, or Zend, is easy for advanced Sanskrit students, and besides offering much of interest in respect of literature and religion, is also valuable to students of linguistics and syntax.

58 *Pāli.*

1 hr.

This course is open only to advanced Sanskrit students, and recommended only to those who take an interest in comparative religions. It consists in rapid reading of the sacred books of Buddhism, with lectures on the religion of the founder.

[Omitted in 1898-99.]

## Assistant Professor OERTEL :—

59 *Linguistics.*

2 hrs.

An introduction to the scientific study of language, intended for students of the classics as well as for those of the modern languages. The course deals with the general principles and chief problems of linguistic science, such as the methods of philological investigation, the manner and causes of phonetic and semantic changes, theories regarding the origin of language, the psychological basis of language, the relation of philology to kindred sciences, etc. Paul's *Principles of the History of Language* (Engl. translation, published by Macmillan) is read and critically examined. The course consists of lectures, but requires some outside collateral reading.

60 *Phonetics.*

1 hr.

An introduction to general Phonetics on the basis of Sievers's *Grundzüge der Phonetik*, and its application to the English, German, and Latin sound-systems. Sweet's *Primer of Phonetics*, Laura Soames's *Introduction to Phonetics*, Viator's *Elemente der Phonetik und Orthoëpie des Deutschen, Englischen u. Französischen*, O. Bremer's *Deutsche Phonetik*, and Seelmann's *Die Aussprache des Latein*, are chiefly used, and private reading in these is required. The course is intended to furnish a basis for the study of the phonology of the various languages.

61 *Phonology and Morphology of the Latin.*

2 hrs.

A resumé of the chief results of the modern comparative treatment of Latin sounds and inflections, with constant reference to

the other Italic dialects. Lindsay's *Latin Language*, 1894, should be in the hands of the students, and considerable collateral reading in Henry's *Short Comparative Grammar of Greek and Latin* (Macmillan), Bechtel's *Hauptprobleme der indogermanischen Lautlehre*, 1892, and Brugmann's *Griechische Grammatik*, 2d ed. (in Iwan Müller's *Handbuch*), is required. Some knowledge of Sanskrit is very desirable for this course.

For courses in Greek Philosophy, see course I, 20, 21.

Graduate students of this University, with the approval of the classical instructors, are admitted to the free enjoyment of the privileges of the American School of Classical Studies at Athens.

#### THE CLASSICAL CLUB

The Phelps Memorial Building, which is assigned to the use of the Classical Department of the University, contains (in addition to twelve ordinary class-rooms, two seminary rooms, and offices for instructors) a large apartment for the library and reading-room of the Classical Club. This room is the headquarters of advanced students in classical philology, and furnishes to them the advantages of a good private library. It already contains more than twenty-five hundred volumes, of texts, commentaries, works on antiquities, etc., as a departmental library. The books most needed for the immediate work in the classical courses for the present year are to be found there. The recent gift to the University of the important library of Ernst Curtius, the distinguished archaeologist and historian, not only added to the philological and archaeological wealth of the main library, but also supplied 700 volumes (many of which are rare and expensive) for the immediate use of the Classical Club. The Club meets every Saturday and spends that evening in reading and discussing the work of some classic author, with reports and papers in the field of Greek and Latin Philology. During the year 1898-99 the works of Pindar and of Livy are studied.



## V. MODERN LANGUAGES AND LITERATURES

THOMAS R. LOUNSBURY, LL.D.	JULES LUQUIENS, Ph.D.
HENRY A. BEERS, M.A.	ALBERT S. COOK, Ph.D., L.H.D.
HENRY R. LANG, Ph.D.	ARTHUR H. PALMER, M.A.
GUSTAV GRUENER, Ph.D.	ROBERT L. TAYLOR, B.A.
WILBUR L. CROSS, Ph.D.	WARREN A. ADAMS, Ph.D.
CHARLTON M. LEWIS, Ph.D.	ROBERT N. CORWIN, Ph.D.
WILLIAM L. PHELPS, Ph.D.	RICHARD T. HOLBROOK, B.A.

## ROMANCE LANGUAGES

Professor LUQUIENS :—

- 1 *Early French Literature and Historical Grammar.* 2 hrs.  
The first term is devoted to a study of the linguistic facts connected with the origin and formation of French from Latin, the rest of the year to reading from the best literary productions of the xith and xiith centuries.  
[Mondays and Thursdays, 11.30 A. M.]
- 2 *Medieval French Literature.* 1 hr.  
A continuation of course 1, including a survey of the writings of the xiiith, xivth, and xvth centuries and a discussion of the linguistic changes during that period.  
[Wednesdays, 11.30 A. M.]
- 3 *French Literature of the xvith Century.* 2 hrs.  
A study of the literary Renaissance in France: Ronsard and his school, Rabelais, Montaigne, etc.  
[Tuesdays and Fridays, 11.30 A. M.]
- \*4 *Systematic Readings in the French Literature of the xviiith Century.* 2 hrs.  
[See Course 73, page 73.]
- \*5 *Entretiens sur la Littérature Française du xviiie siècle.* 3 hrs.  
[See Course 74, page 73.]
- 6 *French Literature of the xixth Century.* 2 or 3 hrs.  
[Omitted in 1898-99.]
- 7 *French Literature of the xviiiith Century.* 2 hrs.  
[Omitted in 1898-99.]

8 *Short Masterpieces of French Literature.* 2 hrs.

Rapid reading of short pieces, prose and verse, by great writers from all epochs of modern French literature. Alternating with the reading, practice in writing and speaking, conducted in French.

[Tuesdays and Fridays, 9.30 A. M.]

Professor LANG.

9 *Provençal Language and Literature.* 2 hrs.

This course begins with lectures on the historical grammar of old Provençal, after which the origin and growth of Provençal lyric poetry, its style and metre, are studied in connection with the reading of selections from the works of the Troubadours. Students provide themselves with Appel's *Provensalische Chrestomathie* (Leipzig, 1895), and Restori's *Histoire de la littérature provençale* (Montpellier, 1894).

[Mondays and Wednesdays, 10.30 A. M.]

10 *Provençal (second year).* 1 hr.

The second year's course is taken up with the interpretation of Provençal texts by the student and the study of special subjects, both literary and grammatical, assigned by the instructor.

[Mondays, 3-4 P. M.]

11 *The Beginnings of Spanish Literature.* 1 hr.

This course comprises a study of the early literature of Castile previous to the xvth century, and its relations with the literatures of France and Italy. Gorra's *Lingua e letteratura spagnuola delle origini* is used as introduction to the work.

[Thursdays, 10.30 A. M.]

\*12 *Dante's Life and Works.* 1 hr.

[See Course 86, page 75.]

13 *Petrarch.* 1 hr.

This course consists in a study of Petrarch's *Rime* and of his influence as the leader of the humanistic movement. Portions of the *Rime* are read and explained in class, and additional reading and study are assigned to be done in private.

Students provide themselves with G. Rigutini's edition of *Le Rime* and T. Casini's *Le Forme metriche italiane*.

[Mondays, 5-6 P. M.]

\*14 *Spanish (Elementary Course).* 3 hrs.

[See Course 80, page 74.]

- \*15 *Spanish Literature of the xvith and xviith Centuries.* 2 hrs.  
[See Course 81, page 74.]

Mr. HOLBROOK :—

- \*16 *Italian (Elementary Course).* 3 hrs.  
[See Course 85, page 75.]

#### GERMANIC LANGUAGES

Professor PALMER :—

- 17 *Old Norse (Icelandic).* 3 hrs.  
Grammar, and reading in the Sagas and the Elder Edda.

[Mondays and Thursdays, 2.15-3.45 P. M.; second term,  
4.30-6 P. M.]

- 18 *Gothic, Old High German, and Old Saxon.* 3 hrs.

An introductory course, especially for those who intend to study historically German or English.

The first half-year is given to the study of Gothic and its phonological relations to both earlier Indo-Germanic and later Germanic languages. Braune's *Gotische Grammatik*, and Streitberg's *Gotisches Elementarbuch* or Wright's *Gothic Language Primer*, Heyne's *Ulfilas*, Streitberg's *Urgermanische Grammatik*, and Henry's *Comparative Grammar of English and German*.

The second half-year is given to the study of Old High German and Old Saxon. Braune's *Althochdeutsche Grammatik* and *Althochdeutsches Lesebuch*, Gallée's *Altsächsische Grammatik*, Behaghel's *Hlliland*.

[Omitted in 1898-99.]

- 19 *Introduction to Germanic Philology.* 2 hrs. 2d term.

A course introductory to the general study of Germanic philology, dealing with the history, the methods, the different fields, and the fundamental facts of Germanic philology. The basis of the work is Paul's *Grundriss der Germanischen Philologie*, from which selected portions are read and discussed, and supplemented by informal lectures.

[Omitted in 1898-99.]

- 20 *Philosophical German.* 2 hrs.

In connection with course (I, 2) one weekly exercise of two hours in translating Hegel's *Phänomenologie des Geistes*.

[Wednesdays, 10.30 A. M. to 12.20 P. M.]

- \*21 *Scientific German.* 2 hrs.  
[See Course 94, page 77.]
- \*22 *Lyrics and Ballads.* 2 hrs.  
[See Course 97, page 78.]
- \*23 *History of German Literature, 1624-1832.* 2 hrs.  
[See Course 98, page 78.]

Professor GRUENER :—

- 24 *Middle High German.* 3 hrs.  
Hartmann: *Der arme Heinrich* and *Iwein*; *Nibelungenlied*; Selected poems of Walther von der Vogelweide; Selections from Wolfram von Eschenbach's *Parzival*; Lectures and papers.  
[Tuesdays, 4.15-5.45 P. M., and Fridays, 2.15-3.45 P. M.]
- 25 *German Literature of the Reformation Period (1500-1624).* 3 hrs.  
The development of German literature is studied from the beginning of the Reformation to the time of Opitz. Characteristic works of the important writers of the period are read chiefly for literary purposes, though also with reference to the political, social, and religious conditions of the times.  
[Omitted in 1898-99.]
- \*26 *Schiller, Works and Life.* 2 hrs.  
[See Course 91, page 76.]
- \*27 *Prose of Modern German Historians and Critics.* 2 hrs.  
[See Course 92, page 77.]

Dr. W. A. ADAMS :—

- \*28 *Goethe, Works and Life.* 3 hrs.  
[See Course 96, page 77.]

Assistant Professor CORWIN :—

- 29 *German Literary Criticism.* 1 hr.  
A course of study in the development of the theories of poetry and the principles of literary criticism in Germany. The course consists of lectures, discussions, and readings based on the critical writings of Lessing, Herder, Schiller, Goethe, Schlegel, and Freytag.  
[Saturdays, 11.30 A. M.]

## Professor PALMER :—

- 30 *Norwegian and Danish.* 2 hrs.

The object of this course is to lay the foundation for a reading and practical knowledge of the language. Together with the study of the grammar, selections are read from modern authors.  
[Wednesdays, 2.15 P. M. and Saturdays, 8.30 A. M.]

## ENGLISH

## Professor LOUNSBURY :—

- 31 *The English Literature of the xivth Century.*  
32 *The Early Victorian Era : Tennyson and his Contemporaries.* 2 hrs.

## Professor BEERS :—

- \*33 *Milton and his Contemporaries.* 2 hrs.  
[See Course 113, page 82.]

- 34 *Theories of Metrical Translation.* 1 hr.  
A book or two of Homer, several cantos of Dante, and a portion of *Faust* are examined, in connection with the standard English metrical translations, and with critical matter, such as Matthew Arnold's *Essays on Translating Homer*.  
[Wednesdays, 4 P. M. (second term, 2 P. M.).]

- 35 *Medieval Allegory.* 2 hrs.  
A study of medieval allegory, including the *Romaunt of the Rose* (Chaucerian translation), *Piers Plowman*, and the *Purgatorio* of Dante, with two or three morality plays and selections from Skelton, Dunbar, *The Court of Love*, and other late medieval work. Candidates for this course should have a fair reading knowledge of Italian.

[Tuesdays and Thursdays, 5 P. M. (second term, 3 P. M.).]

- \*36 *Victorian Literature.* 2 hrs.  
[See Course 118, page 83.]

## Professor COOK :—

The strictly graduate courses offered below are given according to circumstances and the needs of the graduate students actually in attendance; and special attention is given to the supervision of individual research in any part of the general field.

- 37 *Encyclopedia and Methodology of English.* 1 hr.

This course is designed to acquaint the student with the more important branches of scholarship relative to the English language and literature, with a few of the representative books in each, and with the scope and method of research in this department.  
[Wednesdays, 4 P. M.]

- 38 *Theories of Poetry.* 2 hrs.

A course in the theories of poetry in general, and in the principles of criticism applicable to its various departments, as the epic, dramatic, and lyric. Discussions and papers on the basis of standard works, such as Aristotle's *Poetics*, Sidney's *Defense of Poesy*, Woodbridge's *The Drama*, Boileau's *Art of Poetry*, Lessing's *Laokoon*, and others of similar character. Reading of masterpieces to illustrate and extend the principles derived from theoretic works.

[Wednesdays, 3 P. M.]

- 39 *Advanced Old and Middle English.* 2 hrs.

A survey of the subject for those who are not yet prepared for minuter specialization.

[Tuesdays, 10 A. M.]

- 40 *Seminary in Literature.* 3 hrs.

A critical study of some representative writer or department of literature. In 1894-95, Ben Jonson was the author selected; in 1895-96, Browning; in 1896-97, Chaucer; in 1897-98, the Jacobean Drama. The subject for the present year is Spenser.

[Alternate Mondays at 7 P. M.]

- 43 *Old and Middle English.* 2 hrs.

An elementary course in the beginnings and earlier development of the English language and literature. Reading is begun at the earliest practicable moment, and the study is made as literary in character as is consistent with a thorough grounding in the rudiments of the language. This course, while it is indispensable to all graduate students and future teachers of English, and will also be of service to students of English history and of the English Bible, is designed as well for those who, in the pursuit of general culture, are unwilling to remain ignorant of the foundations of the English language and literature.

[Mondays and Thursdays, 10.30.]

Assistant Professor CROSS :—

- 44 *English Prose Fiction from DeFoe to George Eliot.* 1 hr.

A course of study in literary development. Instruction by lecture and conference.

[Tuesdays, 2.30 P. M.]

Assistant Professor LEWIS :—

- 45 *The English Renaissance.* 1 hr.

Specimens from some of Chaucer's immediate predecessors will be read for the sake of securing a medieval background. More copious selections from later writers illustrate the intellectual and artistic development of the Renaissance period. The course begins with *King Horn*, and extends to the English version of the *Utopia*. Some familiarity with 14th century English is required.

[Saturdays, 9.30 A. M.]

Assistant Professor W. L. PHELPS :—

- \*46 *Chaucer.* 2 hrs.

[See Course 108, page 80.]

- 47 *Elizabethan Literature.* 2 hrs.

Studies in the poetry and prose of the Elizabethan period, exclusive of the drama. Wyatt, Surrey, Ascham, Foxe, Painter, Lyly, Raleigh, Greene, Nash, Lodge, Marlowe, Hooker, Sidney, Spenser, Shakespeare, Davies, Drayton, Chapman, and others. Lectures, discussions, and preparation of special papers by members of the class.

- 48 *English Literature of the Seventeenth Century.* 2 hrs.

A rather minute study of English poetry and prose from Donne to Dryden. The poetry of Donne, Drummond, Herbert, Crashaw, Vaughan, Quarles, Carew, Suckling, Herrick, Cowley, Waller, Marvell, Butler, and Dryden is read; also the prose of Burton, Browne, Taylor, Pepys, Fuller, Walton, Bunyan, and Dryden. The social life of the times is also discussed.

As Milton is treated in another course, he is purposely omitted here, nor does this course conflict in any way with course 33.

[Tuesdays and Fridays, 11.30 A. M.]

THE MODERN LANGUAGE CLUB, formed of instructors and students in the departments of English, Romance Languages, and German, holds its regular meetings on the second Saturday evening of each month for the reading and discussion of original papers, and for reports of progress in the field of these studies.

THE ENGLISH CLUB, to which are invited all persons, whether members of the University or not, who are interested in the study or teaching of the English language or literature, meets on alternate Monday evenings to listen to the presentation of some topic, and engage in the informal discussion of it.

THE ENGLISH SEMINARY ROOM, at 135 Elm st., which has lately been enlarged for the better accommodation of graduate students in English, contains the nucleus of a working library. This room is general headquarters for the graduate students in English, and serves for the meetings of the English Club, and for similar purposes.

## VI. NATURAL AND PHYSICAL SCIENCE

WILLIAM H. BREWER, Ph.D.	OTHNIEL C. MARSH, Ph.D., LL.D.
ARTHUR W. WRIGHT, Ph.D.	SIDNEY I. SMITH, M.A.
ADDISON E. VERRILL, M.A.	HENRY S. WILLIAMS, Ph.D.
WILLIAM G. MIXTER, M.A.	CHARLES S. HASTINGS, Ph.D.
EDWARD S. DANA, Ph.D.	RUSSELL H. CHITTENDEN, Ph.D.
FRANK A. GOOCH, Ph.D.	HORACE L. WELLS, M.A.
SAMUEL L. PENFIELD, M.A.	LOUIS V. PIRSSON, Ph.B.
CHARLES E. BEECHER, Ph.D.	ALEXANDER W. EVANS, M.D.
WILLIAM J. COMSTOCK, Ph.B.	PHILIP E. BROWNING, Ph.D.
HENRY L. WHEELER, Ph.D.	LAFAYETTE B. MENDEL, Ph.D.
JAMES LOCKE, Ph.D.	BERTRAM B. BOLTWOOD, Ph.D.
WESLEY R. COE, Ph.D.	GEORGE GRANT MACCURDY, M.A.

## MINERALOGY

Professor DANA :—

1 *Mineralogy and Crystallography.* 2 hrs.

Practical study of mineral species by means of blowpipe analysis and other methods; also mathematical study of the



forms of crystals. Additional opportunity is given to those who desire it to gain facility in the determination of minerals.

This course can be most advantageously prosecuted by those who have some knowledge of chemistry.

[Saturdays, 9.30-11.30 A. M.]

Professor PENFIELD :—

2 *Determinative Mineralogy.* 3 hrs.

This course consists at first of a few exercises in blowpipe analysis, and is then followed by an application of these methods to the determination of minerals. Students have abundant opportunity to experiment with minerals, and thus become familiar with their chemical and physical properties. A labeled collection of carefully selected specimens for comparison, and unlabeled collections for identification, are at all times accessible. The laboratory is open daily from 9-1 and, Saturdays excepted, from 2.30-5, so that by devoting more than the allotted time to the subject the course may be considerably extended.

[Wednesdays, 2.30-5.30 P. M., or Saturdays, 9.15 A. M.-12 M.]

3 *Crystallography.* 2 hrs. 1st half of 2d term.

Lectures in which the symmetry relations of the various systems, and the forms of crystals and their physical properties are discussed. Throughout this course collections of natural crystals and wooden and glass models are used for demonstrating varieties of form and development.

[Thursdays and Fridays, 3-4 P. M.]

4a *Descriptive Mineralogy.* 3 hrs. 2d half of 2d term.

Lectures on the general subject of mineralogy, in which the classification, physical and chemical properties, occurrences, associations and uses of minerals are discussed. The course is illustrated by the valuable and extensive Brush Collection.

[Thursdays and Fridays, 3-4 P. M., and Saturdays, 9.15-10.15 A. M.]

4b *Descriptive Mineralogy (Advanced Course.)*

1 hr. 1st and 2d terms.

This course is open to those who have had courses 3 and 4. Specimens in the Brush Collection are examined, and special prominence is given to the discussion of the economic and geological relations of minerals.

5 *Experimental Work in Crystallography and Mineralogy.*

Daily.

The reflecting goniometer is used, the mathematical relations of crystal forms are carefully determined and calculated, and the forms are drawn. The optical properties of crystals are studied and determined by means of the polariscope, polarizing microscope, refractometer, total reflectometer, and other appliances.

6 *Original Investigation in Mineralogy and Crystallography.*

Opportunities are offered to those who are far enough advanced, for research work in mineralogy and crystallography. This includes the study of the chemical composition and deduction of the formulae of minerals, together with their physical, optical, and crystallographic properties.

Material for investigation is available from the University and Brush Collections.

## GEOLOGY

Professor WILLIAMS :—

\*7 *Geology.*

2 hrs.

[See Course 220, page 101.]

8 *Geological Biology.*

The study of fossils in the laboratory, and with field-work so far as practicable, (1) as means of determining and classifying geological formations, (2) as evidence of the relations of organisms to their environment, and of their evolution in the past.

For this course some knowledge of zoology is desirable; and for those who wish to take the course, and are not sufficiently well prepared in this direction, preliminary work in the zoology of living forms is planned.

Instruction is given also by informal lectures and the assignment of courses of reading of geological literature bearing upon the problems under investigation.

The number of hours and the specific line of study are arranged by the instructor upon consultation in each case.

9 *Philosophy of Life and Organism.*

2 hrs.

A discussion of the facts and phenomena underlying the modern theories of biological evolution; and of the various forms of theory proposed to explain them.

[See Course I. 9, by Professor Duncan.]

Professor PIRSSON :—

10 *Petrology.*

Daily, 9 A. M. to 1 P. M.

(a) Study and determination of the rock-making minerals by optical and chemical methods. Includes the use of the petrological microscope.

(b) History, origin, and classification of rocks, commencing with igneous types and passing into the crystalline schists, during which metasomatic and dynamic changes, including effects of dynamo-metamorphism, are taken up. The work is carried on mostly in the laboratory, with access to collections both of rocks and thin sections.

(c) Original investigation. In sequence to (a) and (b) some special object or locality may be made the subject of investigation. The work requires laboratory methods of determination, both chemical and microscopical, with consultation of the literature and occasionally work in the field. A large amount of material is available in the petrologic collections of the Sheffield Scientific School.

Only those whose previous training in mineralogy and geology has been sufficient to enable them to pursue the subject advantageously are admitted to this course.

11 *Elementary Petrology.*

1 hr. Winter half-term.

A series of lectures of an elementary nature, and without the use of the microscope, on the history, origin, and classification of rocks with especial reference to their geologic relations and economic properties. Illustrated by collections.

[Wednesdays, 4 P. M.]

\*12 *Elementary Structural and Dynamical Geology.*

3 hrs. first half-year.

Mr. GREGORY :—

\*13 *Physical Geography.*

3 hrs. first half-year.

[See Course 235, page 102.]

For a course in Physical Geography in its relation to history, see Political and Social Science, course 29.

## PALAEOLOGY

Professor MARSH :—

- 14 *Vertebrate Palaeontology.* 2 hrs. 2d term.

Lectures and laboratory instruction. Open to advanced students who are familiar with Zoology and Geology. Courses of study will be arranged by the instructor upon consultation.

Professor BEECHER :—

- 15 *Invertebrate Palaeontology.* Both terms.

(a) The study of extinct faunas by means of collections of fossils from typical localities.

(b) Systematic study of the structure, development, and affinities of one or more classes of fossil animals.

In the laboratory work, attention is given to modern methods of preparation and preservation of specimens. Open to those who have some previous knowledge of geology and zoology.

(c) Original investigation. Following *a* and *b*, an opportunity is given to take up some special subject for investigation and the discovery of facts new to science. The requisite material is available in the extensive collections of the Peabody Museum. The work necessitates the frequent consultation of memoirs and scientific reports, occasional field-work, the use of the microscope, the preparation of thin sections, and other methods employed in practical investigation.

[Courses *a* and *b*: Laboratory work, three days per week, 2-5 P. M. Course *c*: Laboratory work, three days per week, 2-4 P. M. Other hours and divisions of work may be arranged to suit the convenience of students.]

## PREHISTORIC ARCHAEOLOGY

Mr. MACCURDY :—

- 16 *Prehistoric Anthropology.*

Courses of study will be arranged by the instructor upon consultation.

## PHYSICS

Professor A. W. WRIGHT :—

- 17 *Physics.* Hours to be agreed upon.

Chiefly practical work in the Sloane Physical Laboratory, with measurements, especially in heat, light, electricity, and magnetism, each exercise occupying two hours. As introductory to the laboratory practice, the exercises during a portion of the

first term consist of recitations or discussions upon the theory and methods of physical measurements, the use of instruments, and other special topics. Laboratory facilities are also freely accorded to students of the course at other times than those of the stated exercises.

18 *Physics (Advanced Course)*. Hours to be agreed upon.

Practical work in the Sloane Physical Laboratory, with instruction in the principles and methods of physical investigation, the processes and instruments of measurement, and the methods of computing and reducing results of observations. Special attention is paid to practical measurements in optics, electricity, and magnetism. The student is expected to make original investigations an important part of his work, and has the free use of the laboratory facilities for carrying them on.

For those who have already pursued course 17 or its equivalent.

Professor HASTINGS :—

19 *Physics*. 3 hrs. lectures, 6 hrs. laboratory work.

Laboratory work, supplemented by lectures on the theory of observation with the method of least squares, and on the theory of electricity and electrical instruments. The use of the laboratory is at the command of the student at all times.

[Lectures on Wednesdays, Fridays, and Saturdays, 12 M.]

For courses in Mathematical Physics, see Pure and Applied Mathematics, courses 3, 5, 7, and 8.

THE PHYSICS JOURNAL CLUB, open to graduate students in Physics, meets weekly for the review and discussion of the current literature in this department of study.

## CHEMISTRY

### (COURSES IN THE SHEFFIELD CHEMICAL LABORATORY)

The analytical laboratories of the Sheffield Scientific School are open to students in term time from 9 to 1 and from 2 to 5 o'clock, every week-day except Saturday. The greater part of the instruction is given in the laboratory to each student separately, but the various classes have, in addition, two or more lectures or recitations a week, in connection with the studies pursued in the laboratory.

Professor MIXTER :—

20 *Chemical Physics.*

Especially the methods employed in the determination of molecular masses and specific heat.

Professor WELLS :—

21 *Qualitative Analysis.*

1st term.

Embraces a study of the commonly occurring elements in their qualitative relations, and includes a systematic course of analysis for the same. A good knowledge of elementary chemistry is a necessary preparation for this. If desired the course is extended to include a study of many of the rare elements.

[Laboratory hours: Monday to Friday, 9 A. M. to 1 P. M., and 2 to 5 P. M. Lectures and Recitations: Mondays and Tuesdays, 5 P. M.,—occasionally at 12 M.]

22 *Quantitative Analysis.*

This is open only to those who have taken course 20 or its equivalent.

(a) *Gravimetric Analysis.* Second term. Embraces a series of exercises involving a considerable number of important methods.

(b) *Volumetric Analysis.* First term. This follows the gravimetric analysis. It includes the most important and typical methods.

(c) *Ultimate Organic Analysis.* First term.

23 *Advanced Quantitative Analysis.*

(a) *Metallurgical Chemistry.* The analysis of ores, fuels, fluxes, alloys, metals, and other furnace products.

(b) *Mineralogical Chemistry.* The analysis of minerals for scientific purposes.

Laboratory work, every week-day (except Saturday) 9 A. M. to 1 P. M., and 2 to 5 P. M.

24 *Metallurgy and Assaying.*

2d half of 2d term.

A course of lectures on elementary metallurgy, followed by a short course of demonstrative lectures on gold and silver assaying, with the practical application of assaying to a few typical ores.

25 *Technical Gas-Analysis.*

2d half of 2d term.

A short practical course, including the principal methods.

26 *Investigations in Inorganic Chemistry.*

Opportunities are offered to those who have had sufficient preparation to make researches by analytical methods, in the preparation and investigation of chemical compounds, and other scientific problems.

Mr. COMSTOCK :—

27 *Elementary Organic Chemistry.* Both terms.

[Recitations supplemented by lectures, Thursdays and Fridays, 5 P. M.]

During the first four weeks of the second term the afternoon exercises are omitted and daily laboratory work substituted, 9 A. M. to 1 P. M., with occasional lectures at 12 M.

28 *Organic Chemistry.* 2 hrs. 1st term.

Continuation of the above course. Recitations and lectures.  
[Mondays and Tuesdays, 5 P. M.]

Dr. LOCKE :—

28b *The Systematization of Inorganic Compounds.* 1st term.

[Lectures, Mondays and Fridays, 4 P. M.]

\*29a *Advanced Inorganic Chemistry.* 3 hrs. 1st term.30 *The Theory of Analytical Chemistry.*

2 hrs. 2d term, 1st half.

Ostwald's *Foundations of Analytical Chemistry* will be followed.

[Lectures, Mondays and Fridays, 4 P. M.]

31 *The Constitution of Chemical Compounds.*

2 hrs. 2d term, 2d half.

Methods of determination illustrated on typical compounds; stereochemistry; double compounds, etc.

[Mondays and Fridays 4 P. M.]

Dr. H. L. WHEELER :—

32 *Advanced Organic Chemistry.*

This offers to those who have the proper preparation an opportunity for more extended study and original investigation.

- 33 *Organic Preparations.* 2nd half of 2d term.  
Laboratory-work, consisting of five exercises per week of about three hours each in the preparation of such compounds as will give familiarity with the most important synthetical methods.

Dr. BOLTWOOD :—

- 34 *Physical Chemistry.* 1st half of 2d term.  
A course of about twelve lectures on the theory of Physical Chemistry.  
[Mondays, 5 P. M.]

- 35 *Physico-Chemical Measurements.* 2d term.  
Laboratory practice in the more important methods of Physical Chemistry.  
[Mondays to Fridays, inclusive, 9.30 A. M. to 1 P. M.]

- 36 *Electro-Chemistry.* 1st half of 2d term.  
A course of twelve lectures on the theory of Electro-Chemistry.  
[Fridays, 5 P. M.]

- 37 *Electro-Chemistry.* 2d term.  
Experimental work in Electro-Chemistry, including the usual measurements, quantitative electro-analysis, and the synthesis of organic and inorganic compounds.  
[Mondays to Fridays, inclusive, 9.30 A. M. to 1 P. M.]

(COURSES IN THE KENT LABORATORY)

The Kent Laboratory is open daily from 9 A. M. to 1 P. M., and from 2 to 5 P. M., to students taking strictly graduate courses.

Professor GOOCH and Assistant Professor BROWNING :—

- \*38 *Experimental Inorganic Chemistry.* 3 exercises—6 hrs.  
[See Course 210, page 100.]

Assistant Professor BROWNING :—

- \*39 *Qualitative Chemical Analysis.* 3 exercises—5 hrs.  
[See Course 211, page 100.]

Professor GOOCH :—

- \*40 *Elementary Organic Chemistry.* 2 exercises—4 hrs.  
[See Course 212, page 100.]



- 41 *Quantitative Analysis.* 2 exercises—6 hrs.  
[See Course 213, page 101.]
- 42 *Quantitative Chemical Analysis (second course).*  
Practice in the more complex processes of gravimetric, volumetric, and electrolytic analysis.  
[Daily; hours for consultation fixed by appointment.]
- 43 *Organic Synthesis.*  
Laboratory practice in synthetical processes too long or too complicated to be included in the more elementary work of course 40.  
[Daily; hours for consultation fixed by appointment.]
- 44 *Chemical Theory.* 1 hr.  
This course (given in alternate years) is devoted to the discussion of the general principles and modern theories of chemistry.  
[Omitted in 1898-99.]
- 45 *Special Methods.*  
Laboratory practice in special methods of analysis and research.  
[Daily; hours for consultation fixed by appointment.]
- 46 *Original Work and Research in Inorganic Chemistry.*  
(a) Special problems of *analysis*—either experimental criticism of known processes or constructive work looking towards the development of new methods.  
(b) The critical examination of reactions.  
[Daily; hours for consultation fixed by appointment.]

Assistant Professor BROWNING :—

- 47 *The Rare Elements.* 1 hr. both terms.  
A short course of lectures covering the discovery, occurrence, and principal reactions of the elements not included in the general course. The methods in use for the qualitative and quantitative determinations are carefully studied, and a systematic arrangement developed so far as practicable. Those who wish to do so may take laboratory work in connection with these lectures.  
[Fridays, 8.30 A. M.]

48 *Inorganic Preparations.* 1 hr. both terms.

A short course, mainly laboratory work, covering typical methods for the preparation of inorganic salts. Thorp's *Inorganic Preparations* will serve as guide.

THE CHEMICAL CLUB, composed of instructors, graduate students, and others interested in chemistry, holds fortnightly meetings for the presentation and discussion of papers and reviews of recent work.

## BIOLOGY

Professor VERRILL :—

49 *Zoology.*

Laboratory practice, recitations, readings, and lectures. The laboratory work is varied according to circumstances, in order to accommodate, as far as possible, those students who wish to pursue special branches. Most of the time is devoted to comparative anatomy, morphology, and systematic zoology. Ample collections in the Peabody Museum, representing all classes of animals, are available for instruction, while the proximity to the sea makes it easy to provide fresh or living examples of most classes of marine animals for study and dissection.

Professor S. I. SMITH and Dr. COE :—

\*50 *Elementary Anatomy and Histology.* 4 hrs. 1st term.\*51 *Comparative Anatomy and General Biology.* 6 hrs. 2d term.52 *Comparative Anatomy and General Biology.*

Graduate students who have had sufficient elementary training are received in the Sheffield Biological Laboratory, and are provided with special advanced courses of instruction adapted as far as possible to the particular wants of the individual student. Such courses may cover either or both terms, and require at least three hours of laboratory work per day for two or more days each week. To such students the laboratory is open five days a week.

## Professor CHITTENDEN and Assistant Professor MENDEL:—

53 *Physiological Chemistry.*

Graduate students who have sufficient knowledge of analytical and organic chemistry and elementary physiology are received in the Sheffield Biological Laboratory at the beginning of the academic year, where they can pursue a course in physiological chemistry extending throughout the entire year. The course necessitates, on an average, four hours of laboratory work each day, and attendance at lectures and recitations three or four times each week. Opportunities are afforded also for the carrying on of original investigations, and to students qualified for such work the laboratory is open during the entire day.

Students who are desirous of studying any special subject in physiological chemistry and have but a limited amount of time are also received, provided they are qualified by previous work to pursue the study advantageously.

[Mondays to Fridays, inclusive, 9 A. M. to 1 P. M.]

54 *Experimental Physiology.*

3 hrs.

Laboratory work, with lectures and demonstrations in muscle and nerve physiology, circulation, blood pressure, etc., using the various graphic methods ordinarily employed in physiological work. Opportunity is also afforded for more advanced work in certain lines of experimental physiology.

[Saturday, 9 A. M. to 1 P. M.]

55 *Physiological Seminary.*

2 hrs. both terms.

A study of the recent advances in physiology and physiological chemistry is undertaken. Informal lectures are given on the bearing which recent discoveries in physiology have on existing views, and the students are required to prepare reports and reviews of work appearing in the current German, French, and English physiological literature.

[Wednesdays, 4 to 6 P. M.]

## Professor CHITTENDEN :—

56 *Experimental Toxicology.*

2d half 2d term.

A course of about twenty lectures, with demonstrations on the physiological action of the more important mineral and alkaloidal poisons. This course can be supplemented, if desired, by laboratory work on the chemical reactions of poisons, with a study of the methods of detecting and separating poisons.

[Tuesdays, Thursdays, and Saturdays, 8.10 A. M.]

- \*57 *Physiology.* 1 hr.  
[See Course 240, page 103.]
- \*58 *Physiological Chemistry.* 4 hrs. 2d term.  
[See Course 241, page 104.]
- \*59 *Physiology of Nutrition.* 3 hrs. 2d term.

Dr. EVANS:—

- \*60 *Botany.* 3 hrs. 2d half-year.  
[See Course 235, page 102.]

- 61 *General Morphology of Plants.* 2 hrs.

Laboratory work and informal lectures. Beginning with the simplest forms, the various groups of plants are taken up in suitable types, and their structure, development, and mode of life, are studied and compared.

The course is limited to those who show a satisfactory knowledge of the botany of flowering plants.

[Wednesdays and Fridays, 3 P. M.]

Dr. COE:—

- 62 *Cytology and General Embryology.* 4 hrs. 1st term.

Laboratory work supplemented by lectures, on the animal cell in the principal phases of its activity, with special reference to maturation, fertilization, and cleavage of the ovum. The course requires two forenoons a week and will include the practical study of cell with resting nucleus, cell-division, spermary and spermatozoa, ovary and maturation of the ovum, fertilization, cleavage, and formation of primary layers of the embryo. Considerable attention is given to the technique of the subject.

In addition to the above, special courses may be arranged for the second term to meet the requirements of individual students and such courses may include a study of the later stages of the development of the embryo.

## VII. MATHEMATICS

JOHN E. CLARK, M.A.	J. WILLARD GIBBS, Ph.D., LL.D.
CHARLES B. RICHARDS, M.A.	EUGENE L. RICHARDS, M.A.
A. JAY DUBOIS, Ph.D.	WILLIAM BEEBE, B.A.
ANDREW W. PHILLIPS, Ph.D.	SAMUEL E. BARNEY, C.E.
JAMES PIERPONT, Ph.D.	PERCY F. SMITH, Ph.D.
JACOB WESTLUND, Ph.D.	GEORGE P. STARKWEATHER, Ph.D.
WENDELL M. STRONG, Ph.D.	HERBERT E. HAWKES, B.A.

## PURE MATHEMATICS

Professor CLARK :—

- 1 *Determinants and Theory of Equations.* 2 hrs. 1st term.  
[Wednesdays and Saturdays, 10.30 A. M.]

- 2 *Differential Equations.* 2 hrs. 2d term.

The short courses in the above subjects are designed especially for the graduate students in the departments of engineering in the Sheffield Scientific School, whose time is mainly occupied with work in those departments.

[Wednesdays and Saturdays, 10.30 A. M.]

Professor GIBBS :—

- 2a *Vector Analysis.* 2 hrs. 1st term.

Elementary course, in which the simpler problems of geometry, kinematics, and mechanics are treated by vector methods. The matter taught is not entirely unlike that usually given in courses in quaternions, but the method followed is in some respects nearer to Grassmann's than to Hamilton's.

[Mondays and Thursdays, 3 P. M.]

- 2b *Vector Analysis.* 2 hrs. 2d term.

Advanced course, including differentiation with respect to position in space, the theory of the potential and allied functions, and that of linear vector functions. This course is especially designed as an introduction to the study of mathematical physics, and is open only to those who have taken the preceding.

- 3 *Miscellaneous Applications of Vector Analysis.* 1 hr.

These applications are to such subjects as the theory of curvature, surfaces of the second degree, the motion of a rigid body, and the fundamental principles of hydrodynamics.

[Tuesdays, 5 P. M.]

4 *Elliptic and Parabolic Motion.* 1 hr.

This course is intended as an illustration of the use of vector methods in astronomy.

[Wednesdays, 5 P. M.]

5 *Electro-Magnetic Theory of Light.* 2 hrs.

This course commences with the general theory of harmonic motion and its representation by complex scalar and vector quantities. The laws of electrodynamics are then applied to the phenomena of the propagation of light in isotropic and aeolotropic media, and its reflection at a surface between two such media, including the case of an absorbent medium, and the dispersion of colors.

[Mondays 12 M., and Fridays, 3.45 P. M.]

In the year 1899-1900, in addition to the courses 2a and 2b in vector analysis, the following may be expected :

6 *Multiple Algebra.* 1 hr.

The object of this course is to give some idea of the methods and results of the principal non-arithmetical algebras, especially of the *Ausdehnungslehre* and the algebra of matrices. It is intended for such students as have already some familiarity with the algebra of vectors, derived from the preceding courses or from the study of quaternions.

7 *Electricity and Magnetism.* 1 hr.

In this course, which is based on Maxwell's theory, the student is taught the use of vector methods in this branch of physics.

8 *Thermodynamics and Properties of Matter.* 2 hrs.

This course is a development of the consequences of the two fundamental laws of thermodynamics, as affording a general theory of physical and chemical equilibrium, and as giving shape to the investigation of the sensible properties of matter.

Professor BEEBE :—

9 *Computation of Orbits.* 2 hrs.

Development of formulae and numerical calculations for determining the parabolic orbit of a comet from three observations.

Computation of an ephemeris and reduction of observations for comparison with the ephemeris.

The course may be carried on through a second year to computation of elliptic orbits and the discussion of perturbations.

[Fridays and Saturdays, 10 A. M.]

Professor PIERPONT :—

10 *Introduction to Higher Analysis.* 3 hrs.

The subjects treated in this course, while intended as a preparation for advanced work in analysis, will be very serviceable to students of physics, astronomy, mechanics, etc. The following topics are taken up: arithmetical theory of complex numbers; substitution groups and their application to the solution of equations; determinants; infinite series and products; certain fundamental portions of the theory of functions of real and complex variables.

[Mondays, 5-6 P. M., Tuesdays, 3-4 P. M., and Fridays, 5-6 P. M.]

11 *Functions of a Complex Variable.* 2 hrs.

An account is given of the theories of Riemann and Weierstrass. To give the student a working knowledge of the subject, various functions and problems are studied.

[Tuesdays, 4-5 P. M., and Thursdays, 3-4 P. M.]

12 *Theory of Numbers.* 2 hrs.

After the more essential parts of the classical theory have been rapidly treated, the theory of algebraic numbers is taken up. Application is made to complex multiplication of elliptic functions. The auxiliary theories necessary for a proper understanding of the main subject are developed as needed.

[Mondays and Thursdays, 4-5 P. M.]

Assistant Professor PERCY F. SMITH :—

13 *Theory of Transformations of Space.* 2 hrs.

The object of this course is not so much to give an exhaustive treatment of the subject as to induct the student, by easy stages and by means of pregnant examples increasing in complexity, into the domain of contact transformations in general. The concept, "group of transformations," is kept in the foreground, and numerous cases of both finite and infinite contin-

uous and discontinuous groups are considered. Point-point transformations as well as those transformations of space by which a change of the space element is effected, e. g., the point-line transformation of Lie, are taken up. In short, the work of the year is the geometric interpretation of equations in two sets of variables.

[Mondays and Tuesdays, 5 P. M.]

14 *Introduction to Higher Geometry.* 2 hrs.

Intended to supplement the courses in elementary Analytic Geometry, with the methods of Projective and Differential Geometry treated analytically.

[Mondays, 12 M., and Wednesdays, 10 A. M.]

Dr. WESTLUND :—

\*15 *Analytical Geometry.* 2 hrs.

[See Course 251, page 104.]

[Omitted in 1898-99.]

\*16 *Calculus.* 2 hrs.

[See Course 250, page 104.]

Dr. STARKWEATHER :—

17 *Mechanics.* 2 hrs.

The course consists of lectures and seminary work. Special attention is given to the kinematics of a rigid body and of plane kinematic chains with one degree of freedom. In Dynamics the fundamental conceptions of force and mass, and the principles of energy, momentum, and moment of momentum receive particular consideration.

[Mondays and Wednesdays, 8 A. M.]

Dr. W. M. STRONG :—

\*18 *Mechanics.* 2 hrs.

[See Course 252, page 105.]

Mr. HAWKES :—

\*19 *Algebra.* 2 hrs.

[See Course 253, page 105.]



## APPLIED MATHEMATICS

Professor C. B. RICHARDS :—

*MECHANICAL ENGINEERING.*

This course, arranged for candidates for the degree of Mechanical Engineer, is open also to special graduate students, who are allowed in certain cases to take selected parts. The leading topics are :

20 *Applied Mechanics.*

Including graphical methods in applied kinematics, and in the investigation of mechanisms working with friction ; graphical determinations of the accelerations of the moving parts of machines ; the strength of materials as affecting the proportions of machine elements ; the applications of the principles of hydraulics to the construction and working of turbines and pumps.

21 *Thermodynamics.*

Applications to the compound steam-engine, air compressors and compressed air motors, engines worked by volatile vapors, refrigerating machines, the warming and ventilation of buildings.

22 *Machine-Design.*

In this course the student is engaged in practical exercises under the guidance of the professor in charge, investigating machinery, the designing and making of working-drawings, specifications, and estimates for machines and manufacturing plant. In addition to the study of machines in general, one of the following subjects (at the option of the student) receives particular attention : (a) Marine engineering ; (b) Railway machinery ; (c) Pumping machinery and plant ; (d) Machinery and plant for manufacturing. The student is required to make complete drawings, from new designs, of at least one important piece of machinery under one of these subjects. A compound marine engine and boilers, a locomotive, a turbine driving centrifugal pumps, a blowing-engine for an iron furnace, are examples.

Candidates for the degree of Mechanical Engineer are required to take also a course in mathematics, to sustain a final examination, and to present a satisfactory thesis on a subject approved by the professor in charge of the course.

**Professor DuBois :—***CIVIL ENGINEERING.*

This course offers instruction for advanced graduate students as well as for those students who may be regular candidates for the degree of Civil Engineer. It embraces the following topics :

- 23 *Mechanics applied to Engineering.* 3 hrs.

Including the application of kinematics, statics, and kinetics to engineering problems.

[Thursdays, Fridays, and Saturdays, 12 M.]

- 24 *Construction and Design.* 3 hrs.

Including the strength and properties of materials, construction and design of bridges, roofs, foundations, retaining walls, dams and embankments, masonry arches, sewerage and drainage, improvement of rivers and harbors, specifications and contracts, and the preparation of designs and working-drawings.

Candidates for the degree of Civil Engineer are required to take, in addition, a selected course in mathematics, practical astronomy, and when the facilities in the physical laboratory permit, a course of laboratory work, under the superintendence of the professors in charge. They are also required to sustain a final examination, and to present a satisfactory thesis, accompanied by appropriate designs, upon a subject approved by the professor in charge of the course.

To special students, not candidates for the degree of Civil Engineer, a selection of special topics is allowed.

[Mondays, Tuesdays, 2.30 P. M., and Wednesdays, 12 M.]

**Assistant Professor BARNEY :—**

- 25 *Geodesy and Practical Astronomy.* 2d term.

Methods of observation, based on measurements, triangulation field-work ; theory of least squares, adjustment of observations, and computation of geodetic latitudes, longitudes, and azimuth. The study of practical astronomy embraces the use of the sextant and engineer's transit with solar attachment for determining time, latitude, azimuth, and needle variation.

- 26 *Railway Surveying.* Three weeks in September.

A preliminary line for a railroad is run out, and from the contour map so obtained a final line is located, staked out, and cross-sectioned, and estimates are made for construction. The field-work begins the first Monday in September and occupies the entire time for three weeks.

27 *Design and Construction of Sewers and Sewage Disposal.*

1st term.

Design of system for some town, including all estimates, maps, and detail drawings necessary for the construction of the system and disposal of the resulting sewage.

Professor BEEBE :—

\*28 *Descriptive Astronomy.* 3 hrs. 1st half year.

[See Course 260a, page 107.]

\*29 *Surveying.* 3 hrs. 2d half year.

[See Course 260b, page 107.]

\*30 *Practical Astronomy.* 2 hrs.

[See Course 262, page 107.]

THE MATHEMATICAL CLUB holds fortnightly meetings, at which are presented sketches of the history of mathematical development and inventions, summaries of articles in the current periodicals and other publications in pure and applied mathematics, descriptions and models of new apparatus, together with the original investigations of the instructors and advanced students in this department.

A MATHEMATICAL SEMINARY ROOM has been fitted up at 90 High street, and is provided with the nucleus of a Departmental Library for the use of the advanced students in Mathematics.

THE ENGINEERS' CLUB meets monthly in North Sheffield Hall for the reading and discussion of papers on subjects relating to the different branches of engineering.

Lectures are occasionally given before the club by professional experts.

## VIII. THE FINE ARTS

JOHN F. WEIR, N.A., M.A.

JAMES M. HOPPIN, D.D.

JOHN H. NIEMEYER, M.A.

Professor WEIR :—

1 *Technical Course in Painting.* 2 hrs.

This course consists of two exercises a week of two hours each. The course consists principally of studies in water-color painting, and includes lectures on the grammar of art, on painting, sculpture, and architecture, technically considered, with a critical account of the various schools and their representative masters. The lectures are fully illustrated by the use of the hydro-oxygen lantern.

[Mondays and Fridays, 2 to 4 P. M.]

2 *Course in Modeling.* 2 hrs.

Two exercises a week of two hours each. The course consists in modeling from the antique and from the living figure, and is supplemented by the lectures given in course 1.

Professor HOPPIN :—

3 *History of Art.* 1 hr. 2d term.

The lectures for the current year are upon three main topics :  
1. The English School of Painting. 2. The Post-Pheidian Period of Greek Sculpture. 3. French Gothic Architecture.

[Tuesdays, 4 P. M.]

Professor NIEMEYER :—

4 *Course in Drawing.* 2 hrs.

This course consists of two exercises a week of two hours each in drawing from the antique and from life, and also in sketching from nature out of doors. Exercises in original composition are required from time to time. It is the aim of this course to teach the fundamental principles of art, and to make the student familiar with the use of pen and pencil.

The work in drawing is supplemented by lectures in Linear Perspective and the analysis of the muscular movements of the human body as expressed in the external forms.

[Tuesdays and Thursdays, 2 to 4 P. M.]

## IX. MUSIC

HORATIO W. PARKER, M.A.

SAMUEL S. SANFORD, M.A.

Professor PARKER :—

\*1 *Harmony.*

[See Course 270, page 108.]

2 hrs.

\*2 *Counterpoint.*

[See Course 271, page 108.]

2 hrs.

\*3 *Strict Composition.*

[See Course 272, page 108.]

2 hrs.

4 *The History of Music.*

Lectures on Music.

1 hr.

Practical illustrations of the development of music from its earliest stages.  
in the class-illustrations of the lectures on musical form are given

[V.-room.]

[Wednesdays, 5 P. M.]

\*5 *Instrumentation.*

[See Course 274, page 109.]

2 hrs.

6

*Free Composition.*

2 hrs.

Several of the smaller forms of free instrumental and vocal music are composed by the students, such as part-songs for male, female, or mixed voices, and pieces of different sorts for the piano and other instruments.

At the close of the year the student is required to produce an extended work, probably in sonata form.

[Wednesdays and Fridays, 2 P. M.]

Professor SANFORD :—

6 *Practical Music.*

Each student of the piano-forte receives individual instruction, under the supervision of Professor Sanford, who in person instructs a limited number of advanced students in the higher branches of the art, particularly in *ensemble* and concert-playing. (No student is admitted to a course in practical music who has not been admitted to one of the theoretical courses.)

SEEVER, M.A., M.D.

WILLIAM G. ANDERSON, M.D.

and Dr. ANDERSON:—

2 hrs.

**Physiology. and Gymnastics.**

This work course 280, page 110.]

Dr. Seaver, during the elementary physiology. The first term is devoted to ele-  
mentary physiology; special attention is given to human  
physiology; special attention is given to human  
circulation, respiration, digestion, and excretion. The hygienic  
importance of these topics is carefully given to a study of the cir-  
cumstances which are favorable to health. The third term  
is given to a study of sanitary science. Collateral reading is  
required during the third term.

[Thursdays, 7 P. M.]

2 *Principles and Practice of Gymnastics.*

Under this head are discussed by Dr. Anderson (a) the scientific basis of physical training; (b) history of gymnastics and growth of the various systems; (c) means employed as apparatus and appliances; (d) physical examinations and measurements; (e) pedagogy of gymnastics. Required reading, Anderson's *Gymnastic Terminology and Methods of Teaching Gymnastics*.

Members of the class are called upon to arrange exercises for other classes, to classify movements for overcoming common physical defects, and to do practice work in teaching gymnastics.

[Mondays and Thursdays, 11.30 A. M.]

# YALE SCHOOL OF THE FINE ARTS

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## COUNCIL

The Council of the School consists of the President of the University, the permanent officers of the School, and four members by election : Donald G. Mitchell, LL.D., Edward E. Salisbury, LL.D., J. Davenport Wheeler, Ph.B., and William W. Farnam, M.A.

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## FACULTY

Rev. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

JOHN F. WEIR, N.A., M.A., *Director, and Professor of Painting and Design*

JAMES M. HOPPIN, D.D., *Professor of the History of Art*

JOHN H. NIEMEYER, M.A., *Professor of Drawing*

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JOHN P. C. FOSTER, M.D., *Instructor in Anatomy*

—————, *Instructor in Architecture*

GEORGE H. LANGZETTEL, B.F.A., *Librarian and Clerk, and Assistant in Drawing*

MILES A. POND, Ph.B., *Assistant in Drawing*

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## ORGANIZATION AND COURSE OF STUDY

The School aims to provide thorough technical instruction in the Arts of Design, viz : Drawing, Painting, Sculpture, Architecture, and Copperplate Etching ; and to afford a knowledge of such branches of learning as relate to the Philosophy, History, and Criticism of Art. As a professional School of Art the aim is to furnish a thorough course of study in the practice of the studios, and as a department of the University to provide instruction in the Fine Arts as a constituent part of a scheme of general culture. These departments, of Practice and Criticism, may be regarded as distinct or correlative.

## THE TECHNICAL COURSE

The technical instruction, for professional students, is based upon methods well adapted to discipline the faculties and ground the pupil in the elements and fundamental principles, which constitute a grammar of Art, as a foundation for all forms of special application. This instruction is arranged as follows :

IN DRAWING, the work is distributed over a three years' course. During the first year the practice of the studio is confined to drawing from the "Antique," from plaster casts ; during the second year, to drawing from casts and the living model ; and during the third year, to drawing from the living model, nude and draped. The classes under the supervision of the Instructor in this department are the antique, portrait, nude-model, and sketching classes. Students showing the requisite proficiency in any class, will be advanced to the work of the second or third year according to individual ability. Instruction in this department precedes all special courses in the various branches of Art ; no pupil is allowed to enter any of the advanced classes without this necessary qualification in that degree of proficiency which is deemed essential as a preliminary ground for such studies. Lectures on the principles of decoration, as applied in the various branches of Decorative Art, are included in this department.

IN ANATOMY, instruction is given in the form of lectures, and by drawings made from specimens and casts. The course comprises the study of such portions of the human body as manifestly affect the external forms, the aim being to familiarize the pupil with the characteristics of those parts, independently of their combined action in modifying the external forms. Drawings of these parts are made by the pupils, in connection with the subjects discussed by the lecturer. Advanced studies include the whole structure of the human form in its plastic anatomy and mechanism. The skeleton and muscular system are viewed as a whole, and the modification of the external forms studied in action and repose. The subjects of proportion, equipoise and motion, and expression, are studied, and original drawings required in illustration, made from life, or from Greek sculptures, by reducing the same to their anatomical structure by the imagined removal of the integument.

IN PERSPECTIVE, the instruction is likewise given in the form of lectures, illustrated by examples drawn on the blackboard, explaining



the principles under discussion. The lectures are supplemented by practical exercises. The student is required to work out examples in the interim between the lectures. Objects are treated with reference to their true dimensions, as preliminary to their correct representation on a flat surface, as seen in perspective, at various distances, and from different points of view, including the study of shadows and reflections, and the application of the general principles of perspective to interior and exterior views. The pupil is required to work out problems in illustration of all the principles involved in linear perspective in its application to the various branches of art.

IN PAINTING, the work is divided into an elementary and an advanced course of study. The first studies are devoted to the acquisition of a knowledge of the elements of technical practice, by painting from still-life. When the pupil has acquired some knowledge of the means in representing objects in color, as to their values and relations, the remainder of the course is given to studies of the living model, in portrait, figure, and composition. This is continued while the pupil remains in the School. The course in painting implies, on the part of the pupil, a requisite knowledge of drawing, and drawing from the living model is continued throughout the course in connection with the work in color. The practice of the studio is supplemented by illustrated lectures on Color, Chiaroscuro, Composition, and such other special topics relating to the principles and means of Art as are comprehended in its theory and practice.

IN MODELING, a course is provided, including the anatomical lectures, and drawing. The work in this branch of instruction consists in first modeling in clay, from casts of Greek fragments, the head and other extremities of the human form, and then the whole figure. When the student has sufficient command of the method and means, the rest of the course is devoted to modeling from the living subject.

IN ARCHITECTURE, the course includes drawing, as provided in that special department in its elementary instruction, as well as the course in isometric projection and perspective. Under the instructor in Architecture, studies are made from notable examples of the various orders and styles, in chronological order, with original projects in illustration to be worked out by the student. The means and methods of preparing plans, elevations, sectional and working drawings, and perspective views in india-ink and water-color, are comprehended in the elementary part of this course. Arrangements may be made with other Departments of the University, by which students in Architec-

ture can obtain the requisite instruction in mathematical subjects having a direct bearing on this art, including plane geometry, stone-cutting, the nature and strength of materials, and the principles of construction and engineering.

The course includes a general and comprehensive view of the historic development of the various architectures, with a comparative analysis of the same with respect to their principles of construction and decoration.

IN COPPER-PLATE ETCHING, a course is provided, and a room set apart for this special study, containing all the necessary appliances of this art, including a press.

#### COURSE IN THE HISTORY AND CRITICISM OF ART

The instruction in this department includes courses of lectures by the various Instructors of the School, arranged to include professional students in regular course, and classes from other departments of the University where it is recognized as an "elective" study.

IN THE HISTORY OF ART, the course is as follows: 1. *The Origin and Philosophy of the Art*—books chiefly referred to, Hegel, Lotze, Ruskin; 2. *Egyptian Art*—Perrot and Chipiez' *Histoire de l'Art de l'Antiquité*, etc.; 3. *Oriental Art*, with special reference to its influence on Greek Art—Schnaase, Fergusson, Perrot and Chipiez, etc.; 4. *Greek Art*, Principles of Greek Art; Pelasgic construction, and the three orders of Greek Architecture; Greek Sculpture, including the Archaic, Pheidian, and Naturalistic Periods, and the Graeco-Roman, with recent researches at Olympia and other places; *Greek Painting*, Ceramic, Mosaic, and Mural—Winckelmann, Lessing, Ottfried Müller, J. Overbeck; Schnaase, Friedrichs, Charles Blanc, and Woltmann; 5. *Roman Art*, Fergusson, Dennis, Emil Braun, etc.; 6. *Beginnings of Christian Art*, classic sources and types; Religious Art; early Christian Painting and Iconography; early Christian Architecture—Lindsay, Fergusson, etc.; 7. *Byzantine Art*, Oriental, Christian, and Saracenic forms—Fergusson, Ruskin, etc.; 8. *Medieval Art*, Romanesque and Lombardic; Tuscan, Southern and Northern Gothic—Viollet-Le-Duc, Ruskin, Fergusson, etc.; 9. *The Renaissance*; rise of the Florentine School, and the Schools of Sienna, Umbria, Lombardy, Rome, and Venice—Vasari, Lanzi, Kugler, Ruskin, Crowe and Cavalcaselle, Symonds, etc.; 10. *Modern Art*—Schools of Spain;

Holland, Germany, France, and England ; the Pre-Raphaelite, Romantic, and Impressionist movements ; Art in America. The lectures are illustrated by means of the hydro-oxygen lantern.

IN THE PRINCIPLES AND MEANS OF ART, a course of lectures is provided, fully illustrated, embracing the subjects of Line, Chiaroscuro, Color, Composition, and Expression,—following the path of the artist in his work. A course of lectures discussing the technical methods of the Painter, the Sculptor, the Architect, and the Engraver, including an historic account of the technical development of these arts, is also provided.

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The regular prescribed course of study, for professional students, covers a period of three years, but pupils are encouraged to remain in the School and pursue advanced studies after the expiration of the prescribed term. The fees are at the rate of ten dollars per month, with an annual fee of five dollars. No pupil is received for a term of less than three months ; payment in advance. The tuition fee for a fourth year's attendance is one-half the usual rate ; pupils remaining for a longer period are classed as "honorary students" ; as such they are exempt from the payment of a tuition fee, but are charged an annual fee of fifteen dollars. The School is open to both sexes ; no pupil is received under fifteen years of age. All applications for admission should be made through the Director. The School opens on the 1st of October, and the closing exercises are held on the 1st of June. At the end of the School-year an exhibition of the work of the various classes of pupils is held, continuing open through the summer months.

AN ELECTIVE COURSE is provided for the Junior and Senior Classes of the Academical Department, as set forth above, on page 97. Also, a special course in FREE-HAND DRAWING is arranged to meet the requirements of students in the Sheffield Scientific School, extending through the first term of the College year.

Members of the Undergraduate Departments of the University may enter the Art School, and enjoy all its privileges, as "Special Students," on the payment, in advance, of an annual fee of twenty-five dollars.

CERTIFICATES are awarded to pupils remaining in the School through the regular course of three years ; and the Degree of BACHELOR OF FINE ARTS is conferred by the University upon those students who have fulfilled the requirements of a prescribed course of advanced studies in the several departments of instruction, and have submitted an approved original composition in painting or sculpture and a satisfactory thesis on some topic relating to the Fine Arts.

Students from other Art Schools, who have passed through the requisite elementary course in art, may enter this advanced course, ending in the conferring of the above degree, on passing the requisite examinations.

THE WILLIAM WIRT WINCHESTER FELLOWSHIP PRIZE OF \$1,500, being the income for two years of a foundation of fifteen thousand dollars, is awarded in alternate years—for the next time on June 1, 1899. Competing students must have been pupils of the Yale School of the Fine Arts for at least two years before entering a preliminary *concours* to be held two months before the final competition : the preliminary *concours* to consist in making a satisfactory full-length drawing from the nude model. This Fellowship is intended to enable the successful competitor to pass two years in study abroad.

THE ALICE KIMBALL ENGLISH PRIZE, the income from a foundation of one thousand dollars, is awarded annually to one pupil taking the regular course of study in the professional department of the School, under such conditions as the Faculty may prescribe.

THE ETHEL CHILDE WALKER PRIZE, the income from a foundation of two hundred dollars, is also awarded annually, under certain restrictions, to the most deserving pupil in the professional department.

THE ART LIBRARY, containing a collection of technical hand books, current art-periodicals, and portfolios of etchings and engravings, is open, during specified hours, for the use of students. The pupils of the School are entitled to the use of the University Library, and to such other privileges, under the usual restrictions, as are granted to students in the other Departments.

THE COLLECTIONS embrace the "Jarves Gallery of Italian Art," numbering one hundred and twenty-two paintings dating from the 11th to the 17th centuries; the "Trumbull Gallery" of historical portraits and other works, numbering fifty-four pictures; a collection of Belgian wood-carvings, of the 16th century, comprising about one hundred and twenty feet of wainscoting and three confessionals, from a chapel in Ghent; a collection of contemporaneous art, numbering about fifty paintings; a small collection of original sketches by old masters; a collection of about one hundred and fifty casts and marbles, representative of the various periods of Greek and Renaissance Art; a valuable collection of Chinese porcelains and bronzes, loaned by Mr. Frederick Wells Williams; and a collection of Braun autotypes, and other reproductions, numbering about two hundred.

The Collections of the School are open daily, without charge, from 1 to 5 P. M., during term-time; also, during the summer vacation from 9 A. M. to 6 P. M., when a fee of twenty-five cents is charged. This fee is also charged when special loan exhibitions are organized, in order to meet incidental expenses.

## DEPARTMENT OF MUSIC

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### FACULTY

REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT

HORATIO W. PARKER, M.A., *Professor of the Theory of Music*

SAMUEL S. SANFORD, M.A., *Professor of Applied Music*

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HARRY B. JEPSON, B.A., MUS.B., *Instructor in Organ-Playing*

ISIDOR TROOSTWYK, *Instructor in Violin-Playing*

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The Department of Music aims to provide adequate instruction for those who intend to become musicians by profession, either as teachers or as composers, and to afford a course of study to such as intend to devote themselves to musical criticism and the literature of music.

In all the courses a knowledge of piano-playing is required, though in a less degree if the student plays well some other musical instrument.

The work in the Department is divided into theoretical and practical courses of study. The Department is open to undergraduates and graduates, also to special students. Admission is granted without distinction of sex. The theoretical studies consist of the courses mentioned below from 1 to 6 inclusive. The practical courses consist of instruction in Piano-, Organ-, and Violin-playing. No student will be admitted to any practical course unless he shall already have been admitted to one or more of the theoretical courses.

The theoretical courses are subdivided into elementary and advanced. Courses 1, 2, and 3 are considered elementary. At the close of the academic year, students who have completed course 2 may become candidates for a *Certificate of Proficiency in the Theory of Music* by passing

an examination—conducted partly in writing and partly *viva voce*—in four-part harmony and counterpoint, in the history of music, and in the structure of song and sonata forms. An unprepared analysis of classical works will be required in addition. Academic students on the completion of the same course and passing the same examination with distinction, will receive one-year honors in Music (see p. 122).

The advanced courses are numbered 4, 5, and 6. They are open only to students who are able to pass the examination required preliminary to the granting of the Certificate of Proficiency in Theory mentioned above. Members of these classes at the end of two years' work, or its equivalent, may become candidates for the degree of *Bachelor of Music*. The candidate will be required to pass an examination before a Board of Examiners, consisting of the Faculty of the Department of Music. Satisfactory work of proficiency in the theory of music and in any two of the following languages (one of which must be a modern language), Greek, Latin, French, German, Italian, shall be given to the Professor of the Theory of Music, prior to the examination; also, an original composition in one of the forms to be designated by him. The examination will be in advanced Counterpoint, Canon, Fugue, the higher forms of Musical Composition, and impromptu Orchestration. Academic undergraduates, on passing this examination with distinction, will receive two-year honors in Music (see p. 122).

The fees for instruction are from fifty to two hundred dollars per year. The fee for the theoretical courses only is fifty dollars per year. These fees may be remitted in whole or in part when the student needs the relief and shows natural talent in such degree as to warrant it in the opinion of the Faculty. A special fee will be charged for instruction in Violin-playing. The fee for Certificate of Proficiency in the Theory of Music is five dollars. The fee for a degree is ten dollars.

1 *Harmony.* Tuesday and Thursday, 4 P. M.

The study of chords, their construction, relations, and progressions. This course covers the following subjects:

Intervals,—the measurement of distance from one tone to another; Triads of the major and minor scales, and their inversions; Seventh chords, primary and secondary, with their inversions and resolutions; Modulations; Chromatically altered notes; Suspensions; Organ point; Passing and changing notes; Harmonization of a given melody; Harmony in two, three, and five parts; Simple instrumental accompaniments.

The work is principally the writing of exercises from figured basses. The exercises will be corrected in the class-room with explanations and illustrations.

Jadassohn's *Harmony* is used as text-book.

2 *Counterpoint.* Tuesday and Thursday, 3 P. M.

The work is the harmonizing and supplying melodious additional voices to choral and other melodies used as *Canti Firmi*.

The different orders of Counterpoint in two, three, and four voices; also double counterpoint, and more or less free imitative writing.

Students in this course are encouraged to try the simpler forms of free composition. No text-book is used.

3 *The History of Music.* Wednesday, 5 P. M.

Lectures on the development of music from its earliest stages. History of Church music from the time of Gregory; History of Opera and Oratorio; Biographical sketches of famous composers, with description and analysis of their principal works; History of purely instrumental music, showing the growth and development of musical forms up to their culmination in Beethoven.

Practical illustrations of the lectures on musical forms are given in the class-room.

4 *Strict Composition.* Tuesday and Thursday, 2 P. M.

The more severe kinds of composition form the basis of work in this course.

Harmony in Five and more parts; Triple and Quadruple Counterpoint; Four- and three-part Fugues for voices or for instruments; Canons of various kinds, with or without accompaniment of free voices; Free treatment of different kinds of thematic material.

This course is preparatory to course 6. No text-book is used.



5 *Instrumentation.*

Wednesday and Friday, 3 P. M.

This course is open only to students who have done the work of courses 1 and 2, and it is strongly recommended that course 4 also should precede it.

Lectures are given on the nature, compass, tone-color, and other characteristics of all the instruments of the modern orchestra, with illustrations of their use by great composers.

Exercises in the practical orchestration of short pieces from the works of classic and modern composers, in the analysis of scores, and in playing at sight from orchestral score.

6 *Free Composition.*

Wednesday and Friday, 2 P. M.

This course is open only to students who have done the work of courses 1, 2, 4, and 5, and have shown unmistakable talent for original composition. Several of the smaller forms of free instrumental and vocal music are composed by the students, such as part-songs, glees for male and mixed voices, and pieces of different sorts for the piano and other instruments.

At the close of the year the student is required to produce an extended work, probably in sonata form.

## PRACTICAL MUSIC

The courses in practical music consist of instruction in playing the Pianoforte, the Organ, and the Violin.

No student is admitted to a course in practical music who has not been admitted to one of the theoretical courses.

I. PIANOFORTE—No student is admitted to a course in playing the pianoforte who has not already attained some proficiency in the use of the instrument and in sight-reading.

Each student is required to master the elements of a good touch and technique before undertaking the study of extended musical works.

Each student receives individual instruction, under the supervision of the Professor of Applied Music. Professor Sanford, in person, will instruct a limited number of advanced students in the higher branches of the art, particularly in *ensemble* and concert playing.

II. ORGAN—No student is admitted to the courses in playing the organ until he has acquired a satisfactory knowledge of pianoforte technique.

The work includes careful study of organ technique, and of works by representative classic and modern composers in Sonata form and in Polyphonic and Free styles, graded according to the needs of the individual student. Especial attention is given to the mechanical attributes of the instrument,—the pitch, quality, and possible combinations of the various registers, also to transposition and to playing from vocal-score.

III. VIOLIN—Students in violin-playing are received in all stages of proficiency, but the number of beginners is limited.

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DIPLOMAS are awarded to those students who, having successfully completed a three-years' course of instrumental study, are qualified to act as teachers or to appear as soloists.

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The fees for instruction in instrumental music are as follows :

For Piano (for University students, graduate or undergraduate), . . .	\$50.00	for the college year.
For Piano (for other persons), . . .	100.00	" " "
For Organ, . . . . .	50.00	" " "
For Violin (class of two), . . . .	100.00	" " "
For Violin (for individual lessons), . .	150.00	" " "

These fees are exclusive of the fee for instruction in the theoretical courses.

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STEINERT PRIZES—By the liberality of Mr. Morris Steinert, of New Haven, two scholarships of \$100 each, and one of \$150, have been offered for three years successively, beginning in 1896.

The students who receive these scholarships are selected according to their promise and need by the Faculty of the Department, with the assistance of the donor, before

the beginning of the Fall term. The stipends are intended to defray the charges for one student each in the branches of Piano-, Organ-, and Violin-playing, but the money may be differently divided at the discretion of the Faculty.

THE LOCKWOOD SCHOLARSHIPS, founded by the bequest of five thousand dollars from Miss Julia A. Lockwood, of Norwalk, Connecticut, in 1897, are offered to two students annually in the Department, who shall pass the best examinations in the theory and practice of instrumental music upon the organ and piano-forte.

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THE NEW HAVEN SYMPHONY ORCHESTRA, under the direction of the Professor of the Theory of Music, gives a series of concerts during the winter, to which students in any Departments of the University are admitted for a small fee. This organization is a complete and well-equipped orchestra of about fifty players, and is a valuable adjunct to the Department of Music.

Students of orchestration are afforded an opportunity to hear their work actually performed, and any composition which is original and of sufficient merit may be performed publicly.

The same orchestra affords an opportunity to acquire orchestral routine to those students of the violin who are able to pass the examination for admission to the orchestra.

The most advanced students of piano-playing as well as violin-playing are allowed to rehearse with the orchestra, and to perform publicly, if fitted to do so in the judgment of the Faculty of the Department.

## COURSES FOR TEACHERS

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With the desire of being serviceable to the teachers of public and private schools in the State of Connecticut, a series of courses in various subjects of study has been arranged to extend through the Academic year 1898-99.

These courses are open to those who are either graduates of colleges, or are qualified by reason of their previous studies to pursue successfully the subjects of their choice.

Those who take these courses are not regarded as candidates for a degree.

A course consists of ten exercises to be given on Saturdays—in either the Fall or the Winter Term.

In connection with the several subjects of study, lines of reading are marked out to supplement the classroom exercises, and, whenever it is possible, the subject is illustrated by charts or models, or by laboratory experiments, while hints and suggestions are freely given as to methods of study and of teaching.

The University Library is open to those who hold tickets to these Courses. The exhibition-rooms of the Peabody Museum, and the collections of the Art School, are also open.

Tickets covering a single course of ten exercises in either term cost eight dollars, payable in advance; tickets covering two courses (not necessarily in the same department of study), one in the Fall and the other in the Winter term, cost twelve dollars, payable in advance. No course will be given unless it is taken by at least fifteen persons.

The following courses are given this year :

#### PSYCHOLOGY AND PEDAGOGY

Professor GEORGE T. LADD :—

*The Elementary Principles of Psychology.* Fall term.

A general introduction to the study of Psychology as applied to mental development.

Professor E. HERSHEY SNEATH :—

*Educational Theory.* Winter term.

A critical study of the representative theories of Education. Compayré's *The History of Pedagogy* is used as a text-book.

#### SOCIAL SCIENCE

Professor WILLIAM G. SUMNER :—

*Introduction to Sociology.* Fall term.

The class will read Spencer's *Study of Sociology* and there will be lectures. This course is in continuation of the one given last year and the year before. It will use the ethnological material gathered in the former courses and will be introductory to the generalizations.

Professor WILLIAM F. BLACKMAN :—

*American Social Problems.* Winter term.

An outline study of special elements of the population ; as the negro, the immigrant, the pauper, the criminal, the socialist.

#### HISTORY

Professor EDWARD G. BOURNE :—

*American History.* Fall term.

The course consists of five exercises on the discoveries and the Spanish colonial system, and of five exercises on the history of the foreign relations of the United States. A considerable portion of the work is purely practical and designed to train students in using original sources in their own study and for the purpose of illustrating class work. Some attention is given to the elements of historical criticism and to the literature relating to the subjects under discussion.

This course is primarily for teachers of history or for such teachers as have a good general knowledge of American History.

Professor CHARLES H. SMITH :—

*Constitutional History of the United States.* Winter term.

Ten Lectures on the Interpretation and Development of the Federal Constitution. Special attention is given to the different views of the Constitution held at the North and the South before the Civil War, and the working of the Constitution during the War and Reconstruction Periods.

### ENGLISH

Professor ALBERT S. COOK :—

*Browning.* Fall term.

Several of the shorter poems will be read and discussed, with especial reference to Browning's view of life, art, nature, and the human soul. The members of the class are expected to take part in the discussions.

Professor HENRY A. BEERS :—

*Classes of Elizabethan Plays.* Winter term.

Quasi-Dramatic.

1. The Masque.
2. The Pastoral.
3. The Chronicle-History.
4. The Court (Dialogue) Comedy.

Derivative.

5. The Plautus (Low) Comedy.
6. The Seneca (High) Tragedy.

Native.

7. The Miracle Play (Survival).
8. Bourgeois Comedy.

Characteristic—Original—Elizabethan.  
(Melodrama.)

9. Tragi-Comedy.
10. Romantic Tragedy.

Two plays will be assigned for reading preparatory to each lecture: one, whenever possible, by Shakespeare; the other by a contemporary of Shakespeare. The instruction is not by formal lectures, but by informal talks, discussions, and questions.

## BIBLICAL LITERATURE

Professor FRANK K. SANDERS:—

*The New Testament as Literature.*

Fall term.

A study of the New Testament as an historical literature, emphasis being laid upon its growth into its present form, the grouping of its books both from the standpoint of literary form and of historical origin, and the discussion of each book as religious literature in the light of its form, general content, and specific purpose.

The course is not intended to impart knowledge but to awaken an interest in the New Testament as a valuable storehouse of material for the practical teacher.

## BOTANY

Dr. ALEXANDER W. EVANS:—

*Plant-Geography.*

Fall term.

A study of the distribution of plants with respect to their environment.

## BIOLOGY

Professor RUSSELL H. CHITTENDEN:—

*The Chemistry and Physiology of Digestion.*

Winter term.

A course of lectures on the chemistry and physiology of digestion, illustrated by numerous experiments.

# DEPARTMENT OF THEOLOGY

## (YALE DIVINITY SCHOOL)

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### FACULTY AND INSTRUCTORS

- REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT
- REV. GEORGE E. DAY, D.D., *Professor of the Hebrew Language and Literature, Emeritus*
- REV. SAMUEL HARRIS, D.D., LL.D., *Professor of Systematic Theology, Emeritus*
- REV. GEORGE P. FISHER, D.D., LL.D., *Professor of Ecclesiastical History, and Dean of the Faculty*
- REV. LEWIS O. BRASTOW, D.D., *Professor of Homiletics and the Pastoral Charge*
- REV. EDWARD L. CURTIS, PH.D., D.D., *Professor of the Hebrew Language and Literature*
- REV. GEORGE B. STEVENS, PH.D., D.D., *Professor of Systematic Theology*
- REV. WILLIAM F. BLACKMAN, B.D., PH.D., *Professor of Christian Ethics*
- REV. FRANK C. PORTER, PH.D., D.D., *Professor of Biblical Theology*
- REV. BENJAMIN W. BACON, LITT.D., D.D., *Professor of New Testament Criticism and Interpretation.*
- SAMUEL S. CURRY, B.D., PH.D., *Instructor in Elocution*
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### SPECIAL LECTURERS

- PROFESSOR GEORGE ADAM SMITH, D.D., LL.D., of Glasgow, *Lyman Beecher Lecturer* (Subject to be announced)
- REV. HENRY VANDYKE, D.D., of New York, *On Wordsworth and Browning and their Message to the Nineteenth Century*
- REV. EDWIN MUNSELL BLISS, D.D., of New York, *On Foreign Missions*



## TERMS OF STUDY

The present annual term of study, which began on Thursday, September 29, 1898, will continue until the third Wednesday in May, 1899, when the Anniversary and the Annual Meeting of the Theological Alumni are held. Catalogues and forms of application for admission may be obtained by addressing the Secretary, Professor George B. Stevens.

It is expected that every student will be present promptly at the beginning of the session. Rooms are assigned by lot on the day before that on which the term opens.

## CONDITIONS OF ADMISSION

The Seminary is open, on equal terms, to students of every Christian denomination. The conditions of admission are membership in some evangelical Church, or other satisfactory evidence of Christian character, and a liberal education at some College or University, or, in exceptional cases, an equivalent preparation for theological studies. Some knowledge of the Hebrew language on the part of those entering the Junior class is desirable.

The following rules determine the admission of students to candidacy for the degree of Bachelor of Divinity :

1. Bachelors of Arts (whose course of study has included Greek) are admitted without examination as candidates for the degree of B.D.
2. Graduates holding other literary degrees than that of B.A.—such as B.S., B.L., and PH.B.—are required to pass an examination in Greek before being admitted as candidates for the degree of B.D.
3. Other applicants for admission, whose acquirements, in the judgment of the Faculty, qualify them to pursue the course with profit, may be admitted to membership in the Institution without becoming at the outset candidates for the degree of B.D.
4. Such non-graduates as show superior scholarship in the actual work of the course may, at any time, by vote of the Faculty, become candidates for the degree of B.D.
5. Students from other Seminaries will be received to advanced standing upon the same terms as applicants for admission at the beginning of the course.

6. Students, not candidates for the degree of B.D., who shall complete the regular course satisfactorily, will receive from the Faculty a certificate testifying to this fact.

### COURSE OF STUDY

THE COURSE OF INSTRUCTION occupies three years, and is arranged in the following order :

#### REQUIRED STUDIES IN JUNIOR YEAR

Professor CURTIS will give instruction five times a week in the grammatical principles of the Hebrew language in connection with the first eight chapters of Genesis, with the use of Harper's *Introductory Hebrew Method* and *Elements of Hebrew* as a text-book. In addition to this preliminary work, the class will read critically the remainder of Genesis and Exodus i-xxiii with the study of Hebrew Syntax and with the use of Gesenius's *Hebrew Grammar*. Exercises will also be given in reading at sight. A course for the entire class will be given, once a week, in Old Testament Introduction, both general and special. Under the former will be treated the origin and growth of the Old Testament Canon and a description of the ancient versions of the Old Testament; under the latter particular attention will be paid to the history, theories, and results of Hexateuchal criticism.

Professor BACON will give instruction four times a week in the Greek New Testament. The studies of the year will be divided as follows : (a) Prolegomena to the New Testament, including the use of the Methods and Apparatus of Grammatico-historical Exegesis, the History and Criticism of the Text, the History of the Formation of the Canon, and the History of Modern Criticism, one lecture a week throughout the year. (b) The principles of Grammatico-historical Exegesis in practical application, three hours a week. During the first half of the year the Pauline Epistles will be thus studied on the basis of Galatians and Ephesians; in the second half the same principles of exegesis will be applied in the study of the Synoptic Gospels on the basis of Mark. Essays on connected themes will be prepared by the students and discussed in the presence of the class during the second half-year.

Professor STEVENS will lecture twice a week during the first half of the year on the Philosophy of Religion, historically considered. The course will consist in a study of the theories of Religion which are involved in the principal modern systems of Philosophy, together with a survey of the recent literature of the subject. The continuance of the study during the second half-year will be optional. See page 290.

Professor BRASTOW will meet the class twice a week during the second half of the year. He will give a course of introductory lectures

on Practical Theology, including its proper scope, its relation to other branches of Theology, the Christian conception of the Church, its final purpose as related to the Kingdom of God, its organization, the marks of its visibility, the ministerial calling, and unification of ministerial functions in the Christian pastorate. He will also lecture on and conduct critical exercises in the use of the Topic in preaching, making Claude's *Essay upon the Composition of a Sermon* a partial basis for the work.

Dr. CURRY will begin with this class a thorough course of instruction in Vocal and Elocutionary Training, which is progressive in its character and extends through the three years of study for each class. The work is so arranged that each student receives, at least once a week, criticism upon some form of expression and personal suggestions as to daily practice. A course of lessons will be given in Vocal Culture, proper action of the mind in reading and speaking, the principles of Vocal Expression and oratorical action.

#### REQUIRED STUDIES IN MIDDLE YEAR

Professor FISHER will give instruction three times a week in General Church History, embracing especially the branches of the subject which are not included under the History of Doctrine. They comprise the following topics: the Nature, Divisions, and Sources of Church History, with a review of the Literature of the subject; the Old or Preparatory Dispensation in its relation to Christianity; the condition of the Graeco-Roman World at the Introduction of the Gospel; the Establishment of Christianity, and the Conflicts of the Apostolic Age; the spread of Christianity, including especially the Conversion of the Roman Empire and of the Teutonic Nations; the Changes in Ecclesiastical Polity in the early centuries; the Organization of Latin Christianity under the Papacy; the relations of the Papacy and the Church to Civil Society in the Middle Ages; the Protestant Reformation, with its Causes and the Systems of Polity adopted by the different Protestant Churches; Christian Life, and its Characteristic Features in the successive eras (including the Rise and subsequent History of Monasticism); the History of Christian Worship.

Professor STEVENS will lecture four times a week on Systematic Theology. The course will include the investigation and discussion of such topics as the Nature and Method of Theology, the Doctrine of Sacred Scripture, the Christian Idea of God and of Man, the Nature and Consequences of Sin, the Person of Christ, the Work of the Holy Spirit, the Trinity, the Atonement, the Christian Life, the Church, and the Consummation of the Kingdom of God. Special attention will be paid to current discussions and controversies in theology and to the most recent literature on the various topics studied.

Professor CURTIS will read with the class twice a week selections from the Poetical and Prophetical Books of the Old Testament. Special attention will be paid to exegesis. Original work of this character will be required of the students. After January 1st two courses will be open to the class, one in the Hebrew, and one in the English text.

Professor PORTER will lecture twice a week on the Biblical Theology of the Old Testament. The aim will be to present a general view of the religious institutions and of the ethical and religious conceptions of Israel in their beginnings and in the historical course of their development. Special attention will be given to the religious faith and work of the Prophets, to the significance of the Exile, and to the character of post-exilic Judaism, including its last pre-Christian stages.

Professor BLACKMAN will lecture twice a week during the latter half of the year on Christian Ethics. The course will include a brief introduction to the history and literature of Christian Ethics: an account of its relations to Philosophical Ethics, to Religion, and to Christian Theology; and a study of the fundamental and constructive ethical principles which are disclosed in the Scriptures of the Old and New Testament.

Professor BACON will read with the class on the plan called "*cursorisch*," once a week throughout the year, the Book of Acts, applying the principles of historical and literary criticism to the problems of the growth of Ecclesiastical Life and Literature in the Apostolic Age. The second hour throughout the year will be devoted to lectures on Introduction to the several Books of the New Testament.

Professor BRASTOW will give instruction by lectures and critical exercises, in Structural Homiletics, three times a week during the first half of the year.

Dr. CURRY will give an advanced course in Vocal Exercises, including practice in the rhythm and melody of speech, in Scripture and hymn reading, and in preaching and various forms of speaking.

#### REQUIRED STUDIES IN SENIOR YEAR

Professor BRASTOW will give instruction five times a week, by lectures and critical exercises, in different branches of Practical Theology, as follows: he will lecture three times a week during the first term of the year on Homiletics, and once a week will meet the class in divisions for homiletic criticism. He will also, in connection with the teacher of elocution, conduct a class exercise, once a week throughout the year, in the criticism of sermons. It is proposed to make these practical exercises a prominent feature in the course. He will also give private instruction, at least once during the year, to each

member of the class in connection with the criticism of sermons, and will give personal aid in the study of Homiletical and General Literature. He will lecture three times a week during the last term of the year, upon Catechetics, Liturgics, Church Government, the Missionary work of the Church, the relation of the Church to the Family, the relation of the Church to the State, and the work of the Church as related to the different branches and methods of Education and to problems of Moral reform. He will also conduct class discussions of questions of practical interest relating to the work of the Church once a week during the entire year.

Professor FISHER will give instruction three times a week, through the year, in the History of Christian Doctrine and in Symbolical Theology. The course includes an explanation of the Origin of Theology as a Science, and a Discussion of True and False Theories of the Development of Doctrine; a Survey of the Influence of Philosophy on Theology in the successive eras; a Review of Authors in the field of Theological Literature; a History of Theological Thought in the Church in relation to the several Doctrines of the Christian system, down to the present time; an account of the Comparative Tenets of the principal religious bodies into which Christendom is divided.

Professor BLACKMAN will lecture twice a week on some important problems of American life, such as: the negro; the immigrant; the defective, dependent, vicious and criminal classes (charities and corrections); the city; the wage and factory system; the family; and communism, socialism, and anarchism. The lectures will be supplemented by reports and book-reviews by the students, and (probably) by a visit to the charity and correctional institutions of New York. As introductory to the course, a few lectures are given on the study and literature of Sociology.

Professor PORTER will lecture three times a week on the Biblical Theology of the New Testament. The teaching of Jesus will be examined on the basis of a critical study of the sources, the attempt being to set it forth as a whole, in its individuality, and to ascertain its historical significance in relation to past and contemporary Jewish thought and to the founding of Christianity. The Theology of the Apostolic Age will then be studied in its fundamental unity and its historical progress, special attention being given to the sources, character, and influence of the thought of Paul.

Dr. CURRY will give instruction both in class and in private. Arrangements are made for training and practice to meet the special needs of each individual in his preparation for the duties of the preacher's office.

The choice of subject for the thesis required for graduation (see p. 299) must be made and reported to the Faculty not later than October 15, and the thesis itself must be presented not later than February 1.

## OPTIONAL COURSES

The purpose of these courses is to encourage scholarly investigation in special lines, and to train students in methods of independent study. The work will be mainly conducted after the "seminary" method of original research, and the exercises will consist largely in the reading of dissertations, and in discussions by the members of the class under the direction of the instructor.

The following courses are offered for the year 1898-99 :

Professor BRASTOW will conduct an exercise, once a week, in Sermon Criticism.

Professor CURTIS will give instruction once a week in the Wisdom-Literature of the Old Testament.

He will also conduct, once a week, an exercise in Old Testament Textual Criticism.

Professor STEVENS will meet members of the Junior class twice a week during the second half-year, for the study of the most recent theories concerning the grounds of religious belief. The work will consist, in part, of the study and discussion of some such work as Caird's *Introduction to the Philosophy of Religion*, or, Sabatier's *Outlines of a Philosophy of Religion*, and, in part, of readings and reviews of recent books and articles of importance for the study of the subject.

Professor STEVENS will read some theological treatise in German with those who have made some progress in the language and wish to attain proficiency in its use for purposes of theological study.

Professor BLACKMAN will offer two special courses in the Graduate School of the University. These courses will be open to students of theology. He will also conduct an exercise during a portion of the year in the history, criticism, and use of hymns.

Professor PORTER will conduct an exercise once a week in the study of Palestinian Jewish Literature and Theology. The course will consist of readings from the Old Testament Apocrypha and the Jewish Apocalypses, with special attention to the forms of Jewish Wisdom and of the Messianic Hope contemporary with the beginning of Christianity.

Professor BACON will conduct, once a week, an exercise, open to all theological students, in rapid translation and concise exposition of the Greek New Testament. The aim will be to cover the books not studied in regular course, and by paraphrase or brief comment to present the results of critical study.

## GRADUATE (OR FOURTH YEAR) CLASS

Into this class only those who have completed a course of three years in this or some other Theological School are admitted. It is designed to meet the wants of those who desire to pursue an advanced course of general theological study, or to apply themselves to special subjects of reading or investigation in any of the departments of theology for one year or more, under the advice and direction of the Professors and with the help furnished by the Reference and University libraries. Candidates for membership in this class are admitted by vote of the Faculty.

From the connection of the Divinity School with the other Departments of the University, special advantages for the prosecution of linguistic and other studies are open to students preparing for service as foreign missionaries.

The following subjects are announced for the present year :

I. Professor FISHER : Discussions of the Person of Christ in recent German Theology.

II. Professor BRASTOW : A Study of the Epoch-making Preachers of the Church.

III. Professor CURTIS : Two courses—1. Studies in Old Testament History with special reference to the Ancient Monuments and to the Geography of Palestine. 2. Critical Readings in the Hebrew text of 1 and 2 Samuel, using Driver's notes and Budde's Polychrome Edition.

IV. Professor STEVENS : Studies in the Theology of the Apostles.

V. Professor BLACKMAN : The Social Teaching and Influence of Christianity. Selected portions of the following works will be studied and discussed : Friedländer's *Sittengeschichte Roms*, Sienkiewicz's *Quo Vadis*, Matthew's *Social Teaching of Jesus*, Schmidt's *Social Results of Early Christianity*, Uhlhorn's *Conflict of Christianity with Heathenism* and *Die Christliche Liebesthätigkeit*, Nash's *Genesis of the Social Conscience*, Lecky's *History of European Morals*, Dennis's *Christian Missions and Social Progress*.

VI. Professor PORTER : A study of some of the special critical problems connected with the use of the Synoptic Gospels as sources of the Teaching of Jesus.

VII. Professor BACON : The Inter-relation of the Synoptic and the Johannine Tradition, studied on the basis of standard Harmonies of the Gospels and Lives of Christ by Weiss, Beyschlag, Edersheim, *et al.*

Members of the Graduate Class are required, in all ordinary cases, to take at least three of these courses, and are expected to continue their studies at the Seminary during the entire year. They are furnished with rooms free of rent, and no charge is made for instruction or for the use of libraries.

#### UNIVERSITY COURSES

Students of the Divinity School are admitted to the Undergraduate and Graduate Courses of Instruction in the University, and are permitted to attend them, with the consent of the instructor in each case, on conditions prescribed by the Theological Faculty. A list of these courses for the current year will be found on earlier pages of this catalogue.

#### PUBLIC LECTURES, ETC.

Various courses of public lectures are open to all members of the University, and furnish opportunity for students to hear many of the distinguished writers and speakers of the country. Such are THE DWIGHT HALL COURSE, THE PHI BETA KAPPA COURSE, THE KENT CLUB COURSE, THE ART COURSE.

The lectures of the SHEFFIELD COURSE, in the Scientific School, the UNIVERSITY CHAMBER CONCERTS, and the UNIVERSITY SYMPHONY CONCERTS are open to students at a small charge for admission.

#### AMERICAN LECTURES ON THE HISTORY OF RELIGION

Yale University is now a member of the Association of various institutions for the establishment of popular courses, of six or eight lectures each, in the History of Religions, somewhat after the style of the Hibbert lectures in England, to be delivered annually in various cities by the best scholars of Europe and this country. The first course, in 1895-96, was given by Professor T. W. Rhys Davids, LL.D., Ph.D., of London, on the History and Literature of Buddhism; the second by Prof. D. G. Brinton, LL.D., of the University of Pennsylvania, on the Religions of Primitive Peoples, and the third by Prof. T. K. Cheyne, D.D., of Oxford, on the Religious Thought and Life of Israel after the Exile. During the year 1898-99 Prof. Karl Budde, D.D., of Strassburg, lectures on the Religious Thought and Life of Ancient Israel. These courses are open to all members of the University.



## CLUBS

A number of voluntary associations of instructors and students exist in the University, whose meetings for the reading and discussion of papers are open to all students. Membership in these clubs is open to those who are qualified. Of especial interest to divinity students are the SEMITIC and BIBLICAL CLUBS, and the PHILOSOPHICAL CLUB.

THE SEMITIC CLUB and THE BIBLICAL CLUB are composed of instructors and students in the Divinity school and in the Department of Biblical Literature in the University. They devote themselves to the study of topics bearing upon Biblical Science.

## EXERCISES IN PUBLIC SPEAKING

A rhetorical exercise for all the classes is held every week, in MARQUAND CHAPEL, in the presence of the Faculty, and under the direction of the Professor of Homiletics. Once in two weeks an address is delivered, followed by criticism and discussion. Each alternate week there is an exercise, designed for the cultivation of the power of the students in extemporaneous speaking, as well as for the discussion of subjects of practical importance.

## LEONARD BACON DEBATING CLUB

This club is designed to promote interest in important public questions and the effective discussion of them. All members of the Divinity School who are interested in public debate are eligible to membership. The club meets once a week; every alternate week the debate is held in Marquand Chapel and is public. Occasionally public addresses are given before the club by prominent men on subjects germane to its purposes.

## SACRED MUSIC AND LITURGICS

The "Society of Sacred Music and Liturgics of Yale Divinity School" has for its purpose to stimulate an interest in the resources of church music and ritual. It is divided into two branches which aim to develop and cultivate the taste and talent of the students in each of these lines. To this end it will aim to secure instruction in the theory and practice of church music and the most effective employment of the best forms of worship. It has also organized a glee club, membership in which is determined by competitive examination.

The courses of instruction in the Department of Music in the University are open to Divinity students on the conditions stated elsewhere in this Catalogue. These courses, under Professors Parker and Sanford, include Harmony, Counterpoint, History of Music, Composition, and Instrumentation.

## PUBLIC WORSHIP

There is daily morning worship in MARQUAND CHAPEL. Students attend worship on the Lord's day in the College Chapel, or in any of the City Churches.

Prayer meetings of the different classes and a general prayer meeting of the Seminary are held on alternate weeks in the lecture-rooms.

## LIBRARIES

The *University Library*, containing 245,000 volumes in the various departments of Literature and science and many thousands of unbound pamphlets, is especially rich in its theological part. It is open eight hours every secular day for consultation and for the drawing of books. Its Reading Room, containing books of reference and periodicals, is open throughout the day and evening.

The *Linonian and Brothers Library* contains about 20,000 volumes in general literature. To these Libraries the Divinity students, in common with the other members of the University, have access.

For a fuller notice of the advantages of this character, see the account of the library on a later page.

The *Reference Library* of the Divinity School, established by the late Henry Trowbridge, Esq., of New Haven, and placed in the Bacon Memorial Hall, is open for consultation throughout the day and evening. It contains more than 3,000 carefully selected volumes, in every department of theological literature, and additions are constantly made. It is designed to take the place, for each student, of a large and well selected private library.

The valuable *Library of Church Music* belonging to the late Dr. Lowell Mason, was given to the Seminary by his family. This library, which is one of the largest of its kind in the country, is placed in West Divinity Hall.

The *Library of Foreign Missions*, recently established, containing more than five thousand volumes, of which a catalogue has been issued, is designed to embrace a full

History of Modern Missions, as carried on by all denominations and in all countries. Additions are constantly made to it and more than fifty of the leading American, English, and Continental missionary periodicals are regularly received.

The total number of volumes in the several libraries, which are open to students, is more than 260,000.

#### PHYSICAL EXERCISE

The University Gymnasium, which is complete in all its appointments, is open to the students of this Department at a small charge. The facilities offered in this connection are described on a later page.

#### DIVINITY HALLS

The East Divinity Hall contains, in addition to the Lecture Rooms for the several classes, rooms for the Professors, and the Historical Library of Foreign Missions, accommodations for about sixty students. The West Divinity Hall has, in addition to the room which contains the Lowell Mason Library and is also used as a social parlor, accommodations for ninety students. The rooms in these buildings are provided with all necessary furniture, except bed-clothes, which may be brought by the occupants, or will be furnished at a moderate charge by the Janitor. The assignment of rooms to new students is made by lot on the day before the term opens, at 2 o'clock P. M., in Room B, East Divinity Hall. The rooms, to which bed-rooms are attached, are, for the most part, designed for one occupant, but a considerable number are designed for two. The Janitor in charge of the building is Mr. Ernest F. Hill, who may be addressed at East Divinity Hall.

#### PRACTICAL CHRISTIAN WORK

In connection with Welcome Hall, the New Haven City Mission, and the missions and Sunday schools of the churches of the city, there is abundant opportunity for the

students to engage in practical Christian work, and they are recommended to undertake such work as far as may be consistent with the prosecution of their studies. A committee of the Y. M. C. A. of the Seminary has this matter in charge and undertakes to ascertain the need of such aid in the different missions and Sunday schools as well as in hospital and jail work, and to assign to each student that form of work which he desires. In some cases students receive pecuniary compensation for such service. During the past year more than nine-tenths of the students have been regularly engaged in work of this character, or in preaching.

By invitation of the Faculty and students, occasional lectures of an informal character, relating to the practical duties of the ministry and to different forms of philanthropic effort, are given by clergymen and others, who are specially well fitted to deal with these topics.

#### YOUNG MEN'S CHRISTIAN ASSOCIATION

The Young Men's Christian Association of the Seminary has for its object to deepen the spiritual life of the students, to increase their interest in missions, and to bring them into fellowship with similar associations throughout the world. Occasional addresses are given by persons especially engaged in, and familiar with, missionary work.

#### LICENSE TO PREACH

The regular time for applying for licensure is near the close of the second year's study, before which time the members of the Seminary are not allowed to preach, except by special permission of the Faculty.

#### EXPENSES AND PECUNIARY AID

Students have to make pecuniary provision for only about eight months of study annually. In the four months of vacation, from May to September, they have the opportunity to engage in Home Missionary or other work, with remuneration for their services.

The expenses of each student for the annual session of thirty-four weeks are \$15 for care of room and other incidentals ; \$25 to \$30 for fuel and lights, or one-half of this sum in case two students occupy the same room. No charge is made for instruction or room rent.

The expense for board will be from \$3 to \$4 a week, at which prices most of the students have obtained good board during the past year. These expenses are mainly covered by the means of assistance mentioned below.

Students of the Junior, Middle, or Senior Classes, whose circumstances require it, and who maintain a creditable standing in the studies of the course, receive \$100 a year from the income of Scholarships and other funds belonging to the School. Additional aid to an amount ranging from \$50 to \$70 annually, is furnished by the Congregational Education Society, when their funds permit, to students who are members of Congregational churches.

In addition to the aid mentioned above, ten scholarships of \$50 each, from the William H. Fogg Scholarship Fund, are offered to members of the Junior Class. Candidates for these scholarships must be, as a rule, college graduates, and must bring evidence of a standing of at least 75 per cent. during their college course. The scholarships, in ordinary cases, will be assigned on the basis of the standing maintained by the members of the class during the year.

After the close of the second year in May, students not infrequently receive remuneration for preaching in places easily accessible.

In general, it may be said that the aid which is provided for every young man, of any evangelical denomination, who gives promise of usefulness in the ministry, is sufficient, in connection with his own efforts, to enable him to complete a course of theological study.

#### PREMIUMS

THE DOWNES PRIZES, founded in 1896 by William E. Downes, Esq., of New Haven, will be awarded to the stu-

dents of the Senior and Middle Classes who shall attain to the highest proficiency in the public reading of the Scriptures and of Hymns. A first prize of fifty dollars and a second prize of forty dollars will be assigned by a committee appointed by the Faculty to the two successful competitors in each of these classes.

A prize of fifty dollars is offered by a friend of the School for the best essay, by a member of the incoming Senior class, on one of the several themes, to be selected, and the conditions of the contest to be determined, by the Professor of Christian Ethics.

#### GRADUATE FELLOWSHIPS

A GRADUATE FELLOWSHIP was established in 1876, as a memorial of the late Mrs Aurelia D. Hooker, of New Haven. It is assigned at graduation to that member of the class to which it is offered who, having been connected with the School during, at least, two years of the course and being of approved Christian character, has, in the judgment of the Faculty, acquired such proficiency in theological studies as best to qualify him for the advantages offered by this foundation for the further prosecution of the same. The person to whom the scholarship is given receives the annual income (\$600) for two years after graduation, and is expected to pursue a course of theological study under the direction of the Faculty, either as a resident at the School, or, in case he may prefer to do so, in Europe or Palestine. The HOOKER FELLOWSHIP was offered to the class which entered the Divinity School in September, 1898.

A SIMILAR GRADUATE FELLOWSHIP yielding \$500, which has been established as a memorial of the late Mrs. Susan B. Dwight, of New Haven, and will afford to the student who shall receive it the same privileges for one year after graduation, was offered on the same conditions to the class which entered the School in September, 1897, and will be offered to the class which enters in September, 1899.

## GRADUATE SCHOLARSHIPS

Scholarship aid will, at the discretion of the Faculty, be offered to such members of the Graduating Class of this School, and to such graduates of other theological Schools as shall, in the judgment of the Faculty, give promise of special success in advanced theological study.

## DEGREES

The Degree of Bachelor of Divinity is conferred by the President and Fellows of the University on all members of the School who, having been admitted by the Faculty as candidates for this degree (see p. 285), satisfactorily complete the prescribed course of study and present an approved thesis on some topic of theology.

## DEPARTMENT OF MEDICINE (YALE MEDICAL SCHOOL)

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### FACULTY

- REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT  
MOSES C. WHITE, M.D., *Professor of Pathology*  
CHARLES A. LINDSLEY, M.D., *Professor of the Theory and Practice of Medicine, Emeritus*  
WILLIAM H. CARMALT, M.D., *Professor of the Principles and Practice of Surgery*  
JAMES CAMPBELL, M.D., *Professor of Obstetrics and the Diseases of Women and Children*  
THOMAS H. RUSSELL, M.D., *Professor of Clinical Surgery and Surgical Anatomy*  
HERBERT E. SMITH, M.D., *Professor of Chemistry, and Dean of the Medical School*  
JOHN S. ELY, M.D., *Professor of the Theory and Practice of Medicine*  
OLIVER T. OSBORNE, M.D., *Professor of Materia Medica and Therapeutics*  
HARRY B. FERRIS, M.D., *Professor of Anatomy*
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- LOUIS S. DEFOREST, M.D., *Clinical Professor of Medicine*  
HENRY L. SWAIN, M.D., *Clinical Professor of Diseases of the Throat and Ear*  
BENJ. AUSTIN CHENEY, M.D., *Assistant Professor of Obstetrics and the Diseases of Women and Children*  
BENJAMIN MOORE, M.A., *Assistant Professor of Physiology*  
CHARLES J. BARTLETT, M.D., *Assistant Professor of Pathology*
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### OTHER INSTRUCTORS

- SAMUEL B. ST. JOHN, M.D., *Lecturer on Ophthalmology*  
ARTHUR N. ALLING, M.D., *Instructor in Ophthalmology*  
LEONARD W. BACON, JR., M.D., *Instructor in Operative Surgery*  
CHARLES D. PHELPS, M.D., *Instructor in Physical Diagnosis*



RALPH A. McDONNELL, M.D., *Instructor in Dermatology and Materia Medica*

ROBERT E. PECK, M.D., *Instructor in Neurology*

WARREN A. SPALDING, *Demonstrator of Pharmacy*

WILLIAM H. PARKER, B.S., *Instructor in Chemistry*

ERNST H. ARNOLD, M.D., *Instructor in Orthopaedic Surgery*

ALLEN R. DEFENDORF, M.D., *Lecturer on Insanity*

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EDWARD M. McCABE, M.D., *Clinical Assistant in Ophthalmology*

LOUIS B. BISHOP, M.D., *Assistant in Pediatrics*

LEONARD C. SANFORD, M.D., *Assistant in the Surgical Clinic*

EDWARD S. MOULTON, M.D., *Assistant in Gynecology*

ROBERT O. MOODY, M.D., *Assistant in Pathology*

FREDERICK C. BISHOP, M.D., *Assistant in the Throat and Ear and Medical Clinics*

AMBROSE K. BRENNAN, M.D., *Assistant in Obstetrics*

FREDERICK N. SPERRY, M.D., *Assistant in the Throat and Ear Clinic*

WILLIAM F. VERDI, M.D., *Assistant Demonstrator of Anatomy and Assistant in the Surgical Clinic*

WILLIS H. CROWE, M.D., *Assistant in the Medical Clinic*

CLIFFORD W. KELLOGG, M.D., *Assistant in Histology*

FRANCIS H. REILLY, M.D., *Assistant Demonstrator of Anatomy*

EDWARD F. MCINTOSH, M.D., *Assistant in the Medical Clinic*

In the fall of 1810 a charter was granted to the President and Fellows of Yale College and the President and Fellows of the Connecticut Medical Society, authorizing them to unite according to the terms of certain "Articles of Union," before agreed upon, for the establishment of a medical seminary, to be styled the Medical Institution of Yale College. Two years later the School was organized, and in the fall of 1813 instruction was begun. The professors of the Faculty were appointed by the College Corporation from nominations by the Medical Society. Degrees were conferred by the College on the recommendation of the board of examiners, consisting of the members of the Faculty and an equal number appointed by the Medical Society. This dual government continued until 1884, when by an

amicable arrangement with the Medical Society, the College authorities assumed entire control of the School.

In the early years the instruction consisted of didactic and clinical lectures and dissections during a short winter course. As time passed changes in the relations between practitioners and students of medicine, and even greater changes in medicine itself, demanded a different kind of instruction, and even before 1879 the curriculum and the required period of instruction had been much altered, but in this year a stricter entrance examination was imposed, and there was adopted a graded course extending over three years of eight months each, and including considerable laboratory instruction.

In 1896 the extension of the course of study to four years permitted the more complete and satisfactory grading of the studies which is presented in the curriculum now in force.

#### GOVERNMENT OF THE SCHOOL

The Medical School constitutes the Medical Department of the University, and is governed by the Professors of the Faculty of Medicine under the authority of the President and Fellows of the University. The School possesses its own buildings and endowment funds, but shares with the other departments in the benefits arising from the funds, libraries, and collections of the University.

#### EQUIPMENT

The instruction is carried on in the several buildings belonging to the School or associated with it.

*Medical Hall* contains two lecture rooms, and laboratories of anatomy, histology, pathology, and bacteriology. The lecture-rooms are provided with modern electric projection lanterns, and are otherwise well equipped for the illustration of the recitations and lectures held in them.

The *Laboratory Building* has recently been constructed and contains the lecture-rooms and laboratories of physiology and chemistry.

The *New Haven Dispensary* is located on the grounds of the School and furnishes ample clinical facilities. It has a staff of twenty-five physicians, consisting of the chiefs of the various clinics and their assistants. The service consists of about 16,000 consultations annually, and is divided among the following clinics: Internal medicine; surgery, including genito-urinary and orthopaedic surgery; ophthalmology; otology, laryngology and rhinology; neurology; gynecology and obstetrics; pediatrics, and dermatology. Besides the general clinics which are held in all of these departments, the Dispensary furnishes abundant material for the classes in physical diagnosis, and numerous courses of demonstrations to small groups of students. The Seniors participate in the regular work of all the clinics, to which they are appointed as assistants in rotation. In the Dispensary building are provided dormitory facilities for the students who are appointed to the obstetrical service.

The *New Haven Hospital* is situated but a short distance from the school buildings. It has about 150 beds, and, being the general hospital in a large manufacturing city, which is also a considerable railroad center, presents an active service. The instruction is chiefly by means of ward classes in medicine and surgery, and by clinical lectures and operations. The Farnam Operating Theatre is thoroughly equipped with every requisite and convenience for surgical work. The arrangements are planned with special reference to making the operations available for purposes of instruction to students.

The four resident physicians are appointed according to the results of examinations before the medical staff. Besides these appointments similar ones in the other cities of this state and in neighboring states are open to graduates of this School, a majority of whom have in recent years secured such hospital appointments.

The *Springside Hospital* is connected with the City Almshouse, and affords valuable opportunity for clinical demonstration.

The *State Hospital for the Insane*, situated at Middletown, Conn., contains about 1800 patients who illustrate abundantly all forms of insanity. By a recent arrangement the instruction in insanity will be combined with clinics at this hospital.

The *Libraries*—The University Library contains over 245,000 volumes and includes the Medical Library. Medical students have the same privileges of consulting and drawing books as students in the other departments of the University. A small circulating library of recent medical books is maintained in the alumni room in Medical Hall by the editors of the Yale Medical Journal.

The *Gymnasium*—The privileges of the University Gymnasium can be had on payment of the fee of \$5 annually.

#### REQUIREMENTS FOR MATRICULATION

Candidates for admission to the First year of the course leading to the degree of Doctor of Medicine must present satisfactory testimonials of moral character from former instructors or physicians in good standing, and must pass the matriculation examinations as given below. But these examinations are not required from candidates who have received degrees in arts or science ; nor from those presenting certificates from the proper officer showing that they have successfully prosecuted the subjects of the examinations at some college, high school, academy, or preparatory school, approved by the Faculty as maintaining a satisfactory standard ; nor from those who have passed matriculation examinations, equivalent to those required here, at some approved professional school.

#### THE MATRICULATION EXAMINATIONS

The subjects of these examinations are as follows :

1. ENGLISH: An essay of about two hundred words on some familiar subject to be announced at the time of the examination.
2. LATIN: An amount equal to one year of study as indicated in Harkness's *Easy Latin Method*.
3. MATHEMATICS: The *Metric System* of weights and measures.

*Algebra* as far as *Quadratics*.

4. PHYSICS: Gage's *Elements of Physics*, or some equivalent work.

These examinations are conducted in writing, and are held at the Medical School at 9 A. M., on the Thursday following Commencement, and on the Wednesday preceding the opening of the first term ; also, for those conditioned in previous examinations, on the Wednesday preceding the opening of the second term in January.

Candidates may also be examined in June in some thirty other places where examinations are regularly held for admission to other departments of the University, on the Thursday following Commencement. Information concerning the time and place of these examinations may be ascertained by applying to the Dean three weeks in advance. A fee of five dollars is charged for admission to examinations held out of New Haven.

#### ADMISSION TO ADVANCED STANDING

Students who have studied one year in some other recognized institution may be admitted to the Second-year class, and those who have studied two years may be admitted to the Junior class, but students are not received from other schools into the Senior class. Students applying for advanced standing must have pursued studies reasonably equivalent to those already pursued by the class to which they seek admission, and must pass the examinations of the First, or the First and Second years, as the case may be. These examinations may be taken in June with the class by applying to the Dean at least four weeks before Commencement, or they may be taken at the time of the autumn examinations, just before the beginning of the School year in October. Graduates in Arts, Philosophy, or Science, who have pursued studies in chemistry, physiology, anatomy, and histology during their undergraduate courses may be admitted to the Second-year class, with certain conditions.

### TERMS AND VACATIONS

The annual sessions of the School are divided into three terms, covering thirty-four weeks, exclusive of a vacation of three weeks at Christmas and a recess at Easter of one week.

The first term begins with the first Thursday in October, and continues eleven weeks. The second term begins three weeks after the close of the first, and continues twelve weeks. The third term is eleven weeks in length, ending with Commencement. (See Calendar.)

### METHODS OF INSTRUCTION

The instruction in this School is conducted by recitations and lectures in the class-room, and by practical work in the laboratories and clinics.

The class-room work of the first and second years is chiefly by recitations from assigned readings, but they are combined with frequent demonstrations and explanatory lectures. In the third and fourth years, lectures are more employed, but they are still based for the most part on assigned readings in text-books.

The first two years contain a very large proportion of laboratory work which extends to the third and fourth years, but is largely replaced in the latter period by personal clinical work. The laboratories are thoroughly equipped for systematic and accurate work, and such work is exacted from the student. In the clinical instruction less dependence is placed upon formal clinical lectures, and more upon the personal instruction as imparted to small classes, and to individual students in review of their reports of cases assigned to them for examination.

Advancement from one class to the next depends not only on the results of examinations but also on the records of the student's daily work.

## THE CURRICULUM

The curriculum of this School is graded to furnish in four years a systematic presentation of the various subjects of medical study. When a subject is pursued two years the course is a progressive one, in which the work of the second year is not a repetition of that of the first.

The arrangement of the curriculum is such that the student spends the first and second years on the fundamental branches, chemistry, physiology, anatomy, histology, pathology, and materia medica.

The third year he devotes chiefly to a systematic study of medicine, surgery, obstetrics, and pharmacology.

In the first part of the Senior year he continues the study of medicine and surgery and has a systematic presentation of the chief specialties in a series of recitations and lectures, combined with general clinics on these topics. The second and third terms of this year are spent almost wholly in clinical work.

## SYNOPSIS OF THE CURRICULUM

*N. B. The number of hours are hours per week.*

## FIRST YEAR.

**ANATOMY**—*Recitations, lectures, and demonstrations*, Osteology, Arthrology, Myology, 3 hours throughout the year, Prof. Ferris. *Laboratory, Dissections*, 15 hours second term, Prof. Ferris, Dr. Verdi, and Dr. Reilly.

**HISTOLOGY**—*Recitations and illustrated lectures*, 1 hour first and second term, Prof. Ferris. *Laboratory*, Microscopical technique and histology of normal tissues, 4 hours first and second terms, Prof. Ferris and Dr. Kellogg.

**EMBRYOLOGY**—*Recitations and lectures*, 2 hours third term, Prof. Ferris. *Laboratory*, Embryology of the chick, 4 hours third term, Prof. Ferris and Dr. Kellogg.

**PHYSIOLOGY**—*Recitations and experimental demonstrations*, An elementary course, 2 hours throughout the year, Prof. Moore.

**GENERAL CHEMISTRY**—*Recitations and experimental demonstrations*, The elements and their compounds, 4 hours first term, Prof. Smith. *Analytical Chemistry, Class-room*, 1 hour first term, Mr. Parker. *Laboratory*, 12 hours first term, 6 hours half of second terms, Prof. Smith and

Mr. Parker. *Organic Chemistry, Recitations*, Constitution and properties of organic compounds, 2 hours second and third terms, Prof. Smith.

PHYSIOLOGICAL CHEMISTRY—*Recitations and Lectures*, The proximate principles, tissues and secretions, 2 hours second and third term, Prof. Smith. *Laboratory*, 6 hours second term, 9 hours third term, Prof. Smith and Mr. Parker.

ANNUAL EXAMINATIONS—(1) General Chemistry, including a laboratory examination at the end of first term. (2) Physiological Chemistry. (3) Histology and Embryology. (4) Anatomy. (5) Physiology.

#### SECOND YEAR

ANATOMY—Continued. *Recitations and Demonstrations*, Angiology, Neurology, Splanchnology, Topographical Anatomy, 3 hours throughout the year, Prof. Ferris. *Laboratory, Dissections*, 15 hours first or second term, Prof. Ferris, Dr. Verdi, and Dr. Reilly.

PHYSIOLOGY—Finished. *Lectures, recitations, and experimental demonstrations*, Advanced course, 4 hours throughout the year, Prof. Moore.

MATERIA MEDICA—*Pharmacy Laboratory*, Compounding official preparations and prescriptions, 4 hours first term, Mr. Spaulding. *Demonstrations and recitations*, Classification of drugs, therapeutic appliances, prescription writing, 2 hours second term, Dr. McDonnell.

PHARMACOLOGY—*Recitations and lectures*, action of drugs, 2 hours third term, Dr. McDonnell.

PATHOLOGY—*Recitations and demonstrations*, General and special Pathology, 3 hours throughout the year, Prof. Bartlett. *Microscopical Laboratory*, Histology of morbid tissues, 4 hours throughout the year, Prof. White, Prof. Bartlett, and Dr. Moody. *Bacteriological Laboratory*, Technique, preparation of media and pure cultures, staining bacteria, 6 hours half of second term, Prof. Bartlett.

MEDICINE—*Lectures*, Symptomatology, 2 hours third term, Prof. Ely.

EXAMINATIONS—(1) Anatomy. (2) Physiology. (3) Materia Medica. (4) Pathology.

#### JUNIOR YEAR

PHARMACOLOGY—Finished. *Recitations and lectures*, Action and application of drugs, 2 hours first and second term, Prof. Osborne. *Lectures*, Physical therapy, climatology, dietetics, 2 hours third term, Prof. Osborne.

PATHOLOGY—*Laboratory*, Study of special topics and the autopsies, 2 hours throughout the year, Prof. White, Prof. Bartlett, and Dr. Moody.

MEDICINE—*Recitations and lectures*, 4 hours first and second terms, 2 hours third term, Prof. Ely. *Clinics*, general medical, 2 hours,



Prof. Ely and Prof. DeForest. *Physical Diagnosis*, Systematic practical study of physical signs and methods of examination, 2 hours one term, in sections, Dr. Phelps.

**SURGERY**—*Lectures*, general surgery, 2 hours throughout the year, Prof. Carmalt. *Bandaging. Practical work* in sections, 1 hour second term, Dr. Bacon. *Surgical Anatomy. Lectures*, 1 hour second term, Prof. Russell. *Clinics*, general surgical, 2 hours throughout the year at the Dispensary, Prof. Carmalt; 2 hours throughout the year at the New Haven Hospital, Prof. Carmalt and Prof. Russell.

**OTOLOGY**—*Lectures*, 1 hour second term, Prof. Swain.

**OBSTETRICS**—*Recitations and lectures*, 2 hours throughout the year, Prof. Campbell. *Demonstrations* with the manikin, mechanism of labor, 1 hour third term, Prof. Cheney.

**GYNECOLOGY**—*Recitations*, 2 hours second term, Prof. Cheney.

**ANNUAL EXAMINATIONS**—(1) Pharmacology. (2) Pathology. (3) Obstetrics and Gynecology. (4) Medicine. (5) Surgery.

#### SENIOR YEAR

**THERAPEUTICS**—*Recitations and Lectures*, 1 hour throughout the year, Prof. Osborne. *Therapeutic Clinics*, Applied therapeutics, 1 hour throughout the year, Prof. Osborne.

**OBSTETRICS**—*Demonstrations* with the manikin and obstetric surgery, in sections, first term, Prof. Cheney. *Midwifery Clinic, Demonstrations and section work*, with reports of cases attended by students, Prof. Cheney and Dr. Brennan.

**GYNECOLOGY**—*Clinics. Lectures* 1 hour throughout the year, Prof. Cheney. *Section work*, Diagnosis and treatment, second and third terms, Prof. Cheney.

**SURGERY**—*Lectures*, special topics, 1 hour second and third terms, Prof. Carmalt. *Dispensary Clinics*, General surgical, 2 hours throughout the year, Prof. Carmalt. *Section work* with reports of cases, 6 hours one term, Prof. Carmalt. *Hospital Clinics, Ward Classes and Operations*, 3 hours throughout the year, Prof. Carmalt and Prof. Russell.

**OPERATIVE SURGERY**—*Recitations*, 2 hours first term, Dr. Bacon. *Section work*, Operations on the cadaver, second term, Dr. Bacon.

**GENITO-URINARY SURGERY**—*Recitations and lectures*, 1 hour first term, Prof. Russell.

**ORTHOPAEDIC SURGERY**—*Lectures*, 1 hour first term, Dr. Arnold. *Clinics and section work*, 1 hour second and third terms, Dr. Arnold.

**OPHTHALMOLOGY**—*Lectures*, 1 hour first term, Dr. St. John. *Clinics*, 1 hour second and third terms, with *section work* throughout the year, Dr. Alling.

LARYNGOLOGY AND RHINOLOGY—*Lectures*, 2 hours first term, Prof. Swain. *Clinics*, 1 hour second and third terms. *Section work* and *manikin practice*, 2 hours second term, Prof. Swain.

MEDICINE—*Laboratory*, Clinical Microscopy, 2 hours first term. *Dispensary Clinics*, *Section work*, throughout the year. *Conferences*, Reports of cases by students, 2 hours second and third terms, Prof. Ely. *Hospital Clinics*, *Ward Classes*, and *Lectures*, 2 hours first and second terms, Prof. DeForest.

DERMATOLOGY—*Lectures and Recitations*, 1 hour first term, Dr. McDonnell. *Clinics*, Lectures and demonstrations, 1 hour first term, 2 hours second and third terms, Dr. McDonnell.

PEDIATRICS—*Recitations*, 1 hour first term, Prof. DeForest. *Clinics*, 1 hour throughout the year, with *section work* second term, Dr. Bishop.

NEUROLOGY—*Clinics*, 1 hour throughout the year with *section work*, Dr. Peck.

MENTAL DISEASES—*Recitations*, 1 hour second term, with *clinics* at the State Hospital, Dr. Defendorf.

SANITARY SCIENCE—*Lectures*, 1 hour first term, Prof. Lindsley.

MEDICAL JURISPRUDENCE—*Lectures*, 1 hour first term, Prof. White and Prof. Smith.

ANNUAL EXAMINATIONS—(1) Therapeutics. In Medicine, (2) Clinical Examination of Cases; (3) Short papers on Pediatrics, Neurology, Mental Diseases, Sanitary Science, and Medical Jurisprudence. In Surgery, (4) Senior Surgery; (5) Short papers on Ophthalmology, Laryngology, Rhinology, and Otology. (6) A Thesis.

## CHEMISTRY

The instruction in this department is given by laboratory work, combined with recitations and explanatory lectures, very completely illustrated by experimental demonstrations and specimens.

The department has two large working laboratories fully equipped for analytical and physiological chemistry. In them each student is supplied with a desk and ample apparatus for systematic and accurate experimental work. The lecture room is furnished with a projection lantern, abundant apparatus for demonstration, and a large chemical collection. The research laboratory is well equipped and is open to advanced students.

*General Chemistry*—The course of recitations includes the fundamental theories of chemistry, and the reactions and characters of the more common elements and compounds. A special course is given in *organic chemistry*, in which much attention is devoted to the constitution and relations of the different classes of compounds. Many of the typical bodies are prepared before the class as demonstrations.

*Analytical Chemistry—Qualitative Analysis* is taught so far as to require the students to be able to analyze a mixture of the salts of the common metals. The course is systematic and is well adapted to cultivate habits of observation and the analytical method of thought. In *Quantitative Analysis* each student makes a number of typical determinations by volumetric and gravimetric methods.

*Physiological Chemistry*—The course consists of recitations and a practical laboratory study of many of the proximate principles of the animal body, and the reactions and composition of the various tissues and fluids, particularly the digestive juices and the urine.

*Clinical Chemistry* constitutes a part of the clinical laboratory course of the Senior year which deals with the analytical methods of value in clinical and sanitary work, especially the study of the blood, stomach contents, urine from pathological cases, the composition of invalid foods, and the predigestion of milk.

Two examinations are held in this department, one in general chemistry, including organic and analytical chemistry, and one in physiological chemistry. The results of these examinations, together with the records of the student's practical work, determine his stand for the year.

## ANATOMY

*Systematic Anatomy*—The course in this subject is graded and extends through the first two years. The instruction is given by means of dissections, recitations, class and section demonstrations, and lectures illustrated by charts, models, wet and dry preparations, and lantern slides. The lectures are intended to be explanatory and supplemental and for the elucidation of the general principles of morphology. The laboratory is well equipped, and ample material, well preserved by embalming and refrigeration, is furnished. Each student is required to make a careful dissection of the three parts of the body at least once. At the completion of a part a quiz is held with each student, which with the recitations and written examination at the end of the year determines his standing.

*First Year*—The work of the first year is devoted to osteology, arthrology, and myology. Each student is furnished with a box containing a skeleton for home study. The study of the soft structures is prosecuted in the laboratory under constant supervision, and two parts at least must be dissected, occupying a period of about twelve weeks.

*Second Year*—The dissection of at least one part is required this year. The anatomy of the peritoneum, the thoracic and abdominal viscera, and of the eye and brain are carefully demonstrated to the students in small groups. The study of surface form and topography in the cadaver

and model is an important part of the work. The embryology of each organ is reviewed in connection with its structure, and the salient facts of comparative morphology, especially of the brain, alimentary, circulatory and respiratory organs, are explained. The examination at the end of the year includes angiology, neurology, splanchnology, and topographical anatomy.

*Histology*—Instruction in histology is given by recitations and lectures illustrated by charts, blackboard drawings, and lantern slides, but chiefly by laboratory work. The recitations and lectures precede and prepare for the better interpretation of the specimens in the laboratory. The laboratory is large, well lighted and equipped, and each student is furnished a microscope and locker containing a box with all necessary apparatus and reagents. First the elementary tissues and their morphological units are studied by fresh and unstained specimens as well as by stained ones, then the various organs are systematically taken up. The student prepares, stains, and mounts the specimens so far as is practicable, making drawings of each with explanatory notes. At the beginning of each laboratory exercise, the specimens for the day are demonstrated by an excellent electric projection apparatus, experience having shown this method of instruction to be very helpful. Systematic instruction is given in the methods of fixing, embedding, and sectioning tissues, and in the structure and functions of the various parts of the microscope and accessory optical appliances.

A practical and written examination is held at the end of the year covering the subjects of histology and the microscope and microscopical technology, which together with the recitations, laboratory work, and drawing books determines the student's stand.

Facilities are offered and assistance given to students who are making original investigations in connection with their theses.

*Embryology*—The method of instruction in this branch is similar to that in histology. The laboratory work consists of a study of the early development of the chick by surface views and serial sections, and the structure of the human decidua, placenta, and cord. The cabinet furnishes serial sections of the human embryo which are used for reference. Congenital malformations and vestigial structures are considered and explained. Some attention is given to embryological technology and reconstructions. The examination is incorporated with that of histology and is of a similar nature.

*Topographical and Surgical Anatomy*—The junior students receive instruction in the topographical and special surgical relationships of anatomy in a course of lectures with demonstrations on the living model and the cadaver.

### PHYSIOLOGY

The instruction in this department is given during the First and Second years. The course in the first year is elementary in character and in it an outline only of the subject is presented.

In the Second-year course the subject is treated with much greater detail and special attention is given to the physiology of the nervous system and the special senses. The instruction is given by recitations and lectures and both courses are fully illustrated by experiment, the instruction being made as practical as possible.

The lecture-room of the department is adapted to its special requirements and is well equipped with apparatus and appliances for class demonstrations. The laboratory consists of a suite of six rooms, well appointed for experimental work. Advanced students are received into the laboratory and guided in research work on subjects suitable for presentation as theses.

### MATERIA MEDICA AND THERAPEUTICS

The instruction in this department extends through the Second, Junior, and Senior years.

*Pharmacy*—The first term of the Second year is devoted to making typical preparations of the Pharmacopœia, and to compounding prescriptions. This work is done in the pharmaceutical laboratory, where each student has a separate desk and is supplied with all of the apparatus necessary to do accurate work.

*Materia Medica*—The second term of this year is devoted to the study of the crude drugs and their preparations by demonstrations and lectures, to recitations on the classification and doses of drugs, to blackboard exercises on prescription writing, and to lectures and demonstrations on the use of hypodermic syringes, spray apparatus, cups, counter-irritation, and the various methods of making hot and cold applications, poultices, plasters, etc.

*Pharmacology*—The instruction on the action of drugs consists of recitations and lectures, and begins in the third term of the Second year, and continues through the first and second terms of Junior year. The third term of this year is devoted to lectures and recitations on electricity, massage, hydrotherapy, organic extracts, climatology, and dietetics.

*Therapeutics*—The instruction in therapeutics extends through the Senior year, and is given by lectures and recitations on the treatment of internal diseases, and in the therapeutic clinic. In this clinic treatment is made of special importance, and the results of treatment are carefully noted and demonstrated. The Senior students have special opportunities to become well versed in prescription writing, as they are appointed to act as clerks in the various dispensary clinics.

Examinations are held at the end of each year on the work of that year.

### PATHOLOGY

Instruction in pathology begins in the second year and is continued through the third. In the second year it consists of a recitation and lecture course combined with laboratory work. The first part of the course is devoted to general pathology, including the study of bacterial lesions and tumors. This is followed by a detailed review of the special pathology of the important organs. The class-room exercises are illustrated by lantern-slides, drawings, and specimens from the autopsies and the museum.

The laboratory has an excellent equipment of apparatus, including a projection microscope for demonstrations, and is abundantly supplied with excellent microscopes, which are furnished each student, together with a full set of apparatus and reagents. The laboratory course in pathological histology is systematic, and includes a study of all the important pathological processes and morbid tissues. Each student prepares a large collection of typical specimens, which becomes his own property. The methods of instruction are the same as those employed in normal histology.

Instruction in the Junior year is wholly in the laboratory, and consists of a study of individual cases selected from the clinics and autopsies.

Attendance on demonstrations of morbid anatomy at the morgue of the New Haven Hospital is required during the entire course.

Facilities are offered for original research by this department both in the microscopical and bacteriological laboratories.

*Bacteriology*—A laboratory course in this subject is given during the early part of the Second year. This is preliminary to the study of the lesions produced by bacteria, which is taken up in the systematic course in pathology. Each student is provided with a desk and apparatus, and receives instruction in the principles and methods of sterilization, the preparation of the ordinary culture media, and the methods of growing, staining, and studying the various bacteria. Especial attention is given to such bacteriological methods as have been found of value in clinical diagnosis.

### OBSTETRICS AND GYNECOLOGY

The instruction in this department extends through the Junior and Senior years.

*Theory and Practice of Obstetrics*—The principles are thoroughly taught in a course of recitations and lectures extending through the Junior year.

*Practical Obstetrics*—The theoretical instruction is supplemented by manikin and clinical work. The various positions of the foetus *in utero* and the mechanism of labor are taught in a manikin course during the third term of the Junior year. This course is preparatory to the clinical work of the Senior year. The symptoms and signs of pregnancy are demonstrated in the midwifery clinic at the Dispensary. Each member of the graduating class is required to attend at least two cases of labor, and to present a written report on them. Provision is made for this service at the Dispensary, where lodgings are provided for students in attendance.

*Obstetric Surgery*—The various obstetrical operations are taught in the first term of the Senior year in a course of lectures and demonstrations on the manikin.

*Gynecology*—The principles of gynecology are taught in a course of recitations in the second term of the Junior year. This theoretical work is supplemented by clinical lectures extending throughout the Senior year, and by a course in diagnosis and treatment taken by the students in small sections as they are assigned to the clinics.

## MEDICINE

The instruction in the branches belonging to this department begins in the third term of the Second year and continues through the Junior and Senior years.

*The Principles and Practice of Medicine*—The instruction begins in the last term of the Second year with a course of lectures on general symptomatology, in which the more important symptoms of disease are considered in their relations to physiology and pathological anatomy.

In the Junior year the instruction consists in a course of recitations which are devoted to a systematic detailed study of the clinical types of disease, combined with attendance on the general medical clinics in the Dispensary and New Haven Hospital, and a practical course in physical diagnosis. Throughout this year the clinical work and the text-book exercises are made to accord as to subject in so far as it is practicable, with a view to making the clinics illustrative of the classroom.

During the Senior year the work is almost wholly practical and chiefly clinical. In the first term a laboratory course in *Clinical Microscopy* is provided, in which instruction is given in the chemical and microscopical methods employed in the clinical examination of blood, sputum, stomach contents, urine, and feces. The student is supplied with the necessary apparatus and reagents and retains them, with his place in the laboratory, during the remainder of the year, for his convenience in doing the work to which he is assigned. Cases are

assigned to each student individually for special study, the student taking the clinical history and making all such physical, chemical, microscopical and bacteriological examinations as may be necessary to a full understanding of the case. At stated intervals these cases are brought before the class and are reported and discussed as regards their pathology, diagnosis, prognosis, and treatment. Each student serves also during a portion of this year as clinical clerk in the Dispensary, taking and recording brief histories of the cases, making physical examinations, and writing prescriptions under the direction of the physician in charge.

*Physical Diagnosis*—A practical course in the methods of physical examination is conducted in the Dispensary during the Junior year. The course is a systematic one and the class is divided into small sections, thus permitting individual attention on the part of the instructor, and abundant exercise in the methods taught on the part of the student.

*Neurology*—The systematic instruction in neurology is a part of the course in medicine of the Junior year. This is supplemented and extended in the Senior year by a course of clinical lectures, combined with demonstrations of the electrical and other special methods of diagnosis and treatment.

*Mental Diseases*—A course of recitations on insanity is given in the second term of the Senior year. These are combined with and illustrated by a series of clinics at the State Hospital for the Insane.

*Pediatrics*—The special instruction in children's diseases is given in a course of recitations during the first term of Senior year, and in the children's clinic at the Dispensary. In the Dispensary the first term is devoted to the demonstration of the development of the normal child and to special methods of examination, while the second and third terms are devoted to general clinical lectures and section work.

*Dermatology*—The instruction in this subject consists in a course of recitations and lectures during the first term of the Senior year, combined with clinical work which extends through the entire year. The clinical work of the first term is arranged to illustrate as far as practicable the topics treated in the class-room. During the second and third terms two clinics are held weekly for the purpose of affording sufficient opportunity for the students to become familiar with the clinical appearances of the various diseases of the skin.

*Sanitary Science and Public Hygiene* receive attention in a course of lectures which include a study of the air, soil, water supply, sewage disposal, house construction and ventilation, personal and school hygiene, sanitary administration, and vital statistics.

*Medical Jurisprudence* is treated in a course of lectures especially from the standpoint of the medical practitioner. It includes his duties and



privileges as defined by law, and general instruction concerning expert testimony, and the clinical, pathological, and chemical methods of making medico-legal examinations.

## SURGERY

The instruction in surgery extends through the Junior and Senior years, and includes instruction in the recognized surgical specialties.

*The Principles and Practice of Surgery*—In the Junior year the classroom instruction consists of a systematic course of lectures on general surgery. Clinical instruction is also begun at this time with attendance on the surgical clinics and operations at the Dispensary and Hospital.

In the Senior year, instruction in general surgery is continued in lectures on special topics during the second and third terms, but the major part of the instruction is clinical. In the Dispensary, the Seniors are assigned to the several surgical services in turn to act as clerks and assistants. In performing their duties as dressers and general assistants they have an excellent opportunity to become familiar with the practices of modern aseptic methods. Patients needing attention at their home are assigned to students, who are required as a part of their regular duties to visit them and to make full reports concerning them.

Clinics and ward classes are regularly held during the year at the New Haven Hospital. In them the students are shown selected cases during their whole stay in the Hospital, and are afforded an opportunity of studying the causes which necessitate operations, where such are necessary, of seeing the operations, and of observing the results of treatment.

*Operative Surgery*—The instruction in this subject extends through the first two terms of the Senior year. The first term is devoted to recitations and lectures, all of the more important operations of general surgery being studied in detail. In the second term, the class is divided into sections, which perform, under the guidance of the instructor, as many operations as can be conveniently executed on the cadaver. Some few selected operations will be performed by the instructor as demonstrations before the whole class.

*Bandaging*—The art of applying bandages is taught during the second term of the Junior year in a practical course, which includes all the more useful methods.

*Orthopaedic Surgery* is taught in the Senior year by lectures on the etiology, symptomatology, diagnosis, and prognosis of deformities. In the discussion of treatment, special attention is paid to mechano-therapy (massage and gymnastics), mechanical appliances

(bandages, casts, etc.), and orthopaedic apparatus, and to operative procedures. Clinical lectures and demonstrations are given during the second and third terms.

*Genito-urinary Surgery*—The special instruction in this subject is given in a course of recitations, with a demonstration of the instruments and appliances used in treatment. The clinical instruction is included in the work of the general surgical clinic.

*Ophthalmology*—The instruction in this subject is given in the Junior year. In the first term it consists in a systematic course of lectures and a practical course in the use of the ophthalmoscope, and in the various methods of determining refraction and motility. During the remainder of the year, attendance is required on the eye clinic, in which the students have an opportunity to witness the various operations on the eye. They also serve as assistants, and thus acquire facility in diagnosis and experience in treatment. Each student is also required to make an examination of a number of typical cases, and present a written report of them.

*Otology, Rhinology, and Laryngology*—The didactic instruction in these subjects is given in a course of lectures and recitations, beginning in the second term of the Junior year, and continuing through the first term of the Senior year. The clinical work is given during the second and third terms of the Senior year. It begins with a manikin course on the technique of examinations of the ear, nose, and throat, after which the students receive individual instruction in the examination of patients and the simpler routine methods of treatment. In their work as assistants they gain facility and experience in these procedures. In the general clinic in this department all the major and minor operations are amply illustrated before the class.

#### REQUIREMENTS FOR ADVANCEMENT

Students are advanced from one class to the next by a vote of the Faculty, based on their standing in the examinations, and on the record of their work for the year.

The annual examinations are held in June in the studies of each year, and are open to students of the School and to candidates for admission to advanced standing. The subjects of the examinations of each class are fully shown in the statement of the curriculum. Examinations are also held just before the opening of the School year in October, in the studies of the First, Second, and Junior years; open only to students conditioned in June, and to candidates

for admission to advanced standing. These autumn examinations are optional, and a fee is required for admission to them.

#### REQUIREMENTS FOR A DEGREE

To be eligible for the degree of Doctor of Medicine, every candidate must fulfill the following conditions:

I. He must be at least twenty-one years of age, and must sustain a good reputation for moral character.

II. He must have pursued medical studies for four years, and have been a student in this School for at least two years. If he has not pursued the four years' curriculum in this School, he must have taken such studies in some other recognized institution as are equivalent to the remainder of the full term of study.

III. He must have passed, to the satisfaction of the Faculty, the prescribed examinations of the course, and must have presented a satisfactory thesis on some subject relating to medicine. The thesis should be presented to the Dean on the third Wednesday before Commencement.

#### HONORS AND PRIZES

The degree of Doctor of Medicine *magna cum laude* will be conferred on students whose examinations and school work show distinguished merit.

The degree of Doctor of Medicine *cum laude* will be conferred on students whose examinations and school work show unusual merit.

THE CAMPBELL GOLD MEDAL is awarded to that member of the graduating class who secures the highest rank in the examinations of the course.

THE KEESE PRIZE—The income of the fund for the Keese Prize, a memorial of Hobart Keese, M.D., of the class of 1855, which amounts to about \$140 annually, is awarded by the Faculty to that member of the graduating class who presents the best thesis.

Any of these honors may be withheld at the option of the Faculty.

## FEES AND EXPENSES

## FIRST YEAR :

Matriculation (paid but once), . . . . .	\$ 5.00
Tuition, . . . . .	150.00
Practical Anatomy (including instruction and material), . . . . .	10.00

## SECOND YEAR :

Tuition, . . . . .	\$150.00
Practical Anatomy (including instruction and material), . . . . .	5.00
Practical Pharmacy, . . . . .	5.00

## JUNIOR YEAR :

Tuition, . . . . .	\$150.00
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## SENIOR YEAR :

Tuition, . . . . .	\$100.00
Graduation, . . . . .	30.00

A deposit of \$5.00 is required in the Chemical Laboratory; one of \$1.00 in the Histological Laboratory; and one of \$3.00 in the Bacteriological Laboratory. These deposits are to cover the cost of apparatus broken by the student, and any excess above such breakage will be returned at the end of the course. A rental fee of \$3.00 for the use of a microscope is charged in the laboratory courses of the First and Second years. Students may, however, supply their own microscopes, in which case this fee is remitted.

*These fees give entrance to all the instruction in the School, including not only the lectures and quizzes but the practical courses in all departments. The curriculum does not need to be supplemented by private quiz-classes.*

The matriculation fee is payable to the Dean on admission to the school. The tuition fees of the first three years are payable in installments of \$50.00 each; and are due on October 15th, February 1st, and April 15th, respectively. The fee for the Senior year is payable in two installments of \$50.00 each, on October 15th and February 1st, respectively. Fees are payable to the University

Treasurer on or before the dates specified. If not then paid they will bear interest from the dates when due, and must then be paid to the Dean. The graduation fee is payable to the Dean three weeks before Commencement.

Students who do not pay in advance can continue their studies on depositing a bond of \$300, executed by a bondsman satisfactory to the Dean, from whom a form of bond can be obtained. No degrees can be conferred, nor any certificate of attendance of examination furnished, until all bills due the University are paid.

Students will be assisted in finding board and lodging by the Janitor of Medical Hall.\* Prices range from four and a half dollars a week upwards.

#### INSTRUCTION TO GRADUATE AND SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE IN MEDICINE

The instruction here offered to graduates in medicine is intended to meet the requirements of two classes of students : first, those who wish to review or supplement their knowledge of the regular studies of the medical curriculum, as taught in this School ; and second, those who wish to fit themselves in special lines of medical work, or for the duties of a medical examiner, or for medico-legal and sanitary examinations.

*Special students* are not taken in the practical branches of medicine, but the general studies of the course are open to such persons as may desire to pursue them, if by their previous studies they are prepared to profit by the instruction. The charges for instruction will depend on the courses taken, and can be ascertained for any particular line of study by applying to the Dean.

For further information, address Professor HERBERT E. SMITH, Dean. Office hours from 10 to 12 in Room No. 25, at the School, 150 York St.

\* Mr. William Blackwood, 146 York St.

## DEPARTMENT OF LAW (YALE LAW SCHOOL)

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### FACULTY

- REV. TIMOTHY DWIGHT, D.D., LL.D., PRESIDENT  
HON. FRANCIS WAYLAND, LL.D., *Dean, and Professor of English Constitutional Law*  
HON. SIMEON E. BALDWIN, LL.D., *Professor of Constitutional Law, Corporations, and Wills*  
HON. WILLIAM K. TOWNSEND, D.C.L., *Professor of Contracts and Admiralty Jurisprudence*  
MORRIS F. TYLER, LL.B., M.A., *Professor of General Jurisprudence*  
THEODORE S. WOOLSEY, LL.B., M.A., *Professor of International Law*  
HON. DAVID TORRANCE, M.A., *Professor of Evidence*  
GEORGE D. WATROUS, D.C.L., *Professor of Contracts, Torts, and Estates*  
JOHN WURTS, LL.B., M.A., *Professor of Elementary Law, Real Property, and Trusts*  
GEORGE E. BEERS, M.A., M.L., *Assistant Professor of Elementary Law and Real Property, and Secretary*  
WILLIAM F. FOSTER, D.C.L., *Assistant Professor of Mercantile Law*
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### SPECIAL LECTURERS AND INSTRUCTORS

- HON. EDWARD J. PHELPS, LL.D., *Lecturer on Equity and International Law*  
HON. NATHANIEL SHIPMAN, LL.D., *Lecturer on Jurisdiction of and Procedure in the United States Courts*  
HON. HENRY C. ROBINSON, LL.D., *Lecturer on the Ethics of the Legal Profession*  
MARK BAILEY, M.A., *Instructor in Forensic Elocution*  
ALBERT S. WHEELER, M.A., *Instructor in Roman Law*  
ARTHUR M. WHEELER, LL.D., *Instructor in English Constitutional Law*  
WILLIAM G. SUMNER, LL.D., *Instructor in Political and Social Science*

- HON. FREDERIC R. COUDERT, LL.D., *W. L. Storrs Lecturer on Municipal Law*
- TALCOTT H. RUSSELL, LL.B., M.A., *Instructor in Municipal Corporations*
- HON. EDWARD D. ROBBINS, B.A., LL.B., *Lecturer on Medical Jurisprudence*
- ARTHUR T. HADLEY, M.A., *Instructor in Railway Management and Economics of Transportation*
- HON. EDWIN B. GAGER, B.A., *Instructor in Mortgages and Equity*
- THOMAS THACHER, LL.B., M.A., *Lecturer on Corporation Law*
- HON. SAMUEL O. PRENTICE, B.A., LL.B., *Instructor in Pleading*
- JAMES M. TOWNSEND, JR., B.A., LL.B., *Lecturer on Transfer of Monetary Securities*
- HON. GEORGE M. SHARP, LL.B., M.A., *Lecturer on Insurance*
- C. LARUE MUNSON, LL.B., M.A., *Lecturer on the Beginnings of Practice*
- JAMES H. WEBB, S.B., LL.B., *Instructor in Criminal Procedure*
- ROGER FOSTER, LL.B., M.A., *Lecturer on Federal Jurisprudence*
- LEONARD M. DAGGETT, B.A., LL.B., *Instructor in Wills*
- HOWARD H. KNAPP, B.A., LL.B., *Lecturer on Connecticut Practice*
- CHARLES W. PIERSON, M.A., *Instructor in New-York Practice*
- PHILIP P. WELLS, B.A., *Instructor in Evidence, and Librarian*
- ROBERT C. MORRIS, D.C.L., *Instructor in the French Codes*
- ANDREW T. BIERKAN, LL.B., *Instructor in Bookkeeping*
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ERNEST H. WELLS, B.A., *Assistant Librarian*

CHARLES H. STUDINSKI, B.A., *Assistant Librarian*

H. LUCIUS MONTGOMERY, B.A., *Registrar*

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NEHEMIAH CANDEE, B.A., LL.B., *Quiz-Master*

It is the aim of the School to give to all students in its regular undergraduate course a thorough acquaintance with the general principles and rules of American law, so as to fit them for the Bar of any State; to extend to those who do not propose to become practicing lawyers but wish to pursue some particular branches of legal or politi-

cal knowledge, such assistance as they may desire ; and to offer to advanced students further instruction in all that belongs to law as a science in its widest sense. Such instruction is given in an undergraduate course, a graduate course, and special courses.

The undergraduate course is mainly devoted to the practical side of legal education, but also gives an introduction to the general ideas and sources of jurisprudence. The year of graduate instruction is mainly confined to studies of a more scientific and philosophical character, such as General and Comparative Jurisprudence, Legislation and Government, Economics, Roman Law, the French Codes, and Private International Law. Students are at liberty to take a part of this course one year and part another year, being examined at the close of each year on the studies pursued, and dividing the tuition fees in like proportion.

The Law School building faces the Green, near the College Square. It has four large lecture rooms, and separate reading and consultation rooms for the use of the students. The building is within two blocks of the Court House of New Haven County, in which two terms of the Supreme Court of Errors of Connecticut are held annually ; while the Superior Court and Court of Common Pleas (the principal civil and criminal courts of the State) are also in session there almost daily during each of the School terms ; thus affording the students peculiar facilities for observing actual practice in court.

The library of the School is open until nine in the evening, and students are encouraged to examine the books on the shelves for themselves, without the intervention of the librarian. The familiarity with the reports and authorities that is thus gained the Faculty deem of great importance in accustoming the student to prepare his cases intelligently and thoroughly in his future practice.

A debating society—the Kent Club—gives a good opportunity for practice in public speaking, and the formation



of class quiz-clubs, to meet in the Law School apartments, is also provided for. Those formed in the Junior year are under the special direction of competent instructors. The share of the School in the general advantages of the University gives the students many opportunities of broadening their views and acquiring knowledge in regard to matters outside of their strictly professional work. They may, on application to the Dean, obtain permission to be present at one or more of the special courses of instruction in the Department of Philosophy and the Arts, or the lectures on Anatomy, Insanity, etc., in the Medical School, on payment of a moderate fee.

#### COURSES OF INSTRUCTION

The regular course of study for candidates for the degree of LL.B. covers a period of three years. Bachelors of Arts, however, of approved colleges will be permitted to complete the three years' course in two years, if they desire and are able to do so ; and the same privilege will be accorded to any others who in the judgment of the Faculty are qualified by natural abilities or previous training to undertake so arduous a labor.

The general order of instruction, including both required and elective studies, is as follows :

##### FIRST YEAR :

Outlines of American Law ;	Criminal Law (Clark).
Lectures.	Torts (Cooley).
Elementary Law (Robinson).	Pleading (Heard's <i>Civil Plead-</i>
Real Property (first half of	<i>ing</i> ).
Hopkins).	Evidence (Reynolds' <i>Theory</i> ).
Contracts, Agency, and Mercan-	Wills ; Lectures.
tile Law (Parsons on Con-	Moot Courts.
tracts).	

##### *Elective*

Commercial accounts, with	Elocution ; Lectures and prac-
practical instruction in book-	tice.
keeping.	

## SECOND YEAR :

Real Property (the remainder of Hopkins).	<i>Habeas Corpus</i> , Taxation, and Judgments; Lectures.
Conveyancing; practice.	Principles of Contract (Benjamin).
Contracts (the remainder of Parsons).	Evidence (McKelvey).
Equity (Bispham); Lectures.	Constitutional Law; Lectures.
Private Corporations (Morawetz).	Practice in the United States Courts; Lectures.
Criminal Procedure (Clark).	Fire Insurance; Lectures.
Code Pleading (Bryant).	Estates; Lectures.
	Moot Courts.

*Elective*

Elocution; Lectures and practice.	Practice under the several State systems.
International Law; Lectures.	New York practice.
Medical Jurisprudence; Lectures.	

## THIRD YEAR :

(At least twelve hours per week to be elected.)

Sales (Benjamin).	Practice in the United States Courts and Equity Pleading (Foster).
Wills (Schouler).	Mortgages (Jones).
Municipal Corporations (Dillon).	General Jurisprudence (Holland).
Evidence (Thayer's Cases).	Life Insurance; Lectures.
The Law of Electricity; Lectures.	Trusts (Perry).
Railroad Law (Baldwin's Cases).	Railway Management; Lectures.
Patents; Lectures.	Roman Law (Sohm).
Admiralty (Benedict).	Moot Courts.
American Diplomatic History; Lectures.	

## GRADUATE COURSE

## FOURTH YEAR :

*Elections from*

Roman Law, from the original sources.	Political History and Science Lectures.
General Jurisprudence.	Comparative Jurisprudence.
Political Geography in its relations to Political History.	Conflict of Laws.

English Constitutional Law.	Economic Policy : United States
Economics of Transportation.	Financial History.
Public Finance: Labor Organ- izations.	Political and Constitutional History of the United States.
Medieval Institutions.	

The courses above outlined are subject to change from time to time, and books should not be purchased until the work is entered upon.

The method of instruction is largely that of recitations. It is the conviction of the Faculty of this Department, as well as the tradition of the University, that definite and permanent impressions concerning the principles and rules of any abstract science are best acquired by the study of standard text-books in private, followed by the examinations and explanations of the recitation-room. Hence, although certain subjects are separately taught by lectures, either because the want of proper manuals, or the constant and rapid advance of learning, or economy of time, requires the adoption of that method, care is taken that the same topics as far as practicable shall be covered by recitation work in connection with the wider branches of the law to which they belong. The study and analysis of reported cases of special importance, illustrating the development of law in its leading branches down to the present time, are also required, and many of these are separately printed by the Department and used for more ready consultation in connection with the different courses of instruction. The recitation hours, however, are only in part devoted to questioning the student. While this is done with sufficient thoroughness to hold him up to his work of preparation, matters not fully treated in the text-book used are presented at greater length; ample opportunity is also afforded for a free colloquial discussion of the subject of the lesson and for the presentation and solution of the difficulties which he may have encountered in his private study. In this manner each student is brought into personal communication with the instructor in reference to his daily work, and as far as practicable, receives the benefits which would be obtained if he were placed under the individual tutorship of his professor.

The courses of study in Real Property include practical instruction in Conveyancing, in which the students are exercised in drawing all the instruments commonly employed in the transaction of business concerning real property.

The courses on Pleading embrace the subjects of Common Law and Code Pleading, both taught by recitation and examples, while the details of the latter are enforced by requiring the students to draw complaints, answers, etc., in cases of their own selection, and to submit them to the instructor for criticism and correction. Special

instruction is also open to each student as to the leading features of the system of pleading and conveyancing in use in the State in which he expects to practice; that on the New York code of civil procedure being continued through the greater part of the second year.

The course in Evidence embraces three years. Instruction during the first year is devoted entirely to the Theory of Evidence, it being the intention to develop logically the theoretical reasons for excluding *res inter alios*, hearsay, opinion and character, and for admitting facts deemed to be legally relevant, and to set forth the means whereby such facts are proved and their effect upon the issue when proved. In the second year, the theory thus taught is practically applied. McKelvey on Evidence is the text-book used, the principles of the text being emphasized and illustrated by leading cases from the most authoritative English and American courts, and from the text of Greenleaf, Taylor, and Best. So far as is possible, the student is placed in the position of an attorney actually engaged in the trial of a case and the practical difficulties and questions of preparation for trial are discussed. The third year takes the student still further into special lines of evidence. Attention is given to the more intricate branches and a thorough historical investigation is made into the decisions involving such subjects.

The course on International Law and Diplomacy extends over two years, and consists of lectures not only covering the general principles, but treating also of any questions involving their application which may be, for the time being, exciting public attention.

The course on Roman Law is based on Sohm's Institutes (English translation), and occupies one hour a week throughout the Senior year.

The graduate course is designed to afford to the advanced student an opportunity to round out his legal acquirements with a knowledge of the philosophic principles of human law. The primary conceptions to which he was introduced at the commencement of his studies are again taken up and developed in a scientific method, and examined in the light of various systems of practical jurisprudence now or heretofore prevailing. Roman Law is made the principal topic for those who desire the degree of D.C.L. The Institutes of Justinian and a considerable part of the Commentaries of Gaius are read. Illustrative cases are studied from the Digest, including some as treated in Eckert's *Chrestomathie*, and Hess's *Achtzehn Rechtsfälle*. Roby's *Introduction to the Digest* is used and leading titles of the Digest, Code and Novels made the subject of investigation.

The time given to Comparative Jurisprudence is ordinarily devoted to a study of the French Codes, compared with other systems of jurisprudence, particularly the Roman, English, and American, with

the investigation of leading cases decided in the French and American courts.

The lectures on Political and Social Science, Economics, etc., are given in connection with the graduate courses in the Philosophical Department of the University, and are attended by the graduate students of the Law School in common with the members of that Department.

Besides these various exercises, the undergraduate students are required, from time to time, to draft contracts, wills, and other similar instruments, the work of each being reviewed and commented upon, either in public or in private, by the instructor. Public Moot Courts, besides those of the class quiz-clubs, are regularly held, at which one of the professors presides as judge, and the students acting as counsel, in the argument of cases, are required to draw the necessary pleadings, according to the common law or equity forms, as the case may be. Occasionally, also, cases are tried by the students before a jury of their own number, in a court regularly organized, with a full complement of judicial, clerical, and executive officers, where the proceedings are conducted in the same manner as in ordinary courts of law.

#### SPECIAL STUDENTS

Special studies may be taken by students who desire some acquaintance with law as a preparation for business pursuits, and also by those who, not intending to engage in active business, desire to acquire an enlarged acquaintance with our political and legal systems and the rules by which they are governed. The Faculty will determine, in the case of each special student, the studies which he can most profitably pursue. A three-years' course may be thus arranged (comprehending Roman Law), at the conclusion of which the degree of Bachelor of Civil Law (B.C.L.) may be awarded. To special students, not taking this full course, certificates will be given, stating the time

during which they have been connected with the School and the subjects on which they have passed examination. The Faculty will decide in what cases a preliminary examination will be required.

#### TERMS AND VACATIONS

There are two terms in each year : the first Term, beginning thirteen weeks from the day after Commencement, continues for twelve weeks (with a Thanksgiving recess covering Wednesday afternoon as well as Thursday) ; the second Term, beginning on the Tuesday after the first Thursday in January continues until Commencement-day, with a Spring recess of eight days, including Easter.

#### REQUIREMENTS FOR ADMISSION

##### UNDERGRADUATE COURSE

Applicants for admission to the Junior Class must be at least eighteen years of age, and must produce certificates of good moral character.

No applicants who have not received a liberal education at some collegiate institution will be admitted to any class until they have passed satisfactory examinations in English Grammar and Composition, English Literature, Geography, Arithmetic, Roman, English and American History, and the text of the Constitution of the United States, and have given evidence of their ability to read at sight the Latin of such authors as Caesar or Sallust. Those, however, will be excused from this examination, so far as English branches are concerned, who present a certificate that they have passed a "Regents' Examination for Law students," conducted under the authority of the Board of Regents of the University of the State of New York.

Applicants for admission to advanced standing, as candidates for the degree of LL.B., must be at least nineteen

years of age, if they seek to enter the second-year class, and at least twenty years of age, if they seek to enter the third-year class ; they will receive due credit for time previously spent in other Law Schools or under competent legal instructors in an office, and for the branches of study there pursued, and upon passing satisfactory examinations on their work already done (and the required preliminary examination in cases to which it applies) will be assigned to such classes as the Faculty may deem them qualified to enter. Attorneys at Law and graduates of other Law Schools will be allowed to enter, and will be so assigned, without examination, upon consideration of the studies they have pursued and the time which has thus been occupied.

#### GRADUATE COURSE

The Graduate Course for the degree of Master of Laws (M.L.) can be completed in one year or in two years, according to the ability or the desire of the student. The conditions of admission are as follows :

It is open to graduates from any Law School having the degree of Bachelor of Laws (LL.B.), or Bachelor of Civil Law (B.C.L.), or Master of Laws (M.L.), provided they have spent not less than three years in all in the study of law. In computing that period one year of practice at the bar may be considered the equivalent of one year of study. Attorneys of law who have been actively engaged in practice at the bar for not less than five years, and who present a recommendation from one of the Judges of the highest courts of their State, may also be admitted to this course.

At least one year of residence is indispensable. The presentation of a graduating thesis may be deferred until the second year, and in such case it may be prepared *in absentia*.

No examination is required from those not intending to make Roman Law their major study, and they can, subject

to the approval of the Faculty, substitute for it other legal studies (including such studies in the undergraduate course as they may not have previously pursued, or may desire to become better acquainted with), or studies in allied branches, such as Political Science, Diplomacy, and Public Finance. Those not graduates of the Yale Law School will be allowed, under the direction of the Faculty, to substitute topics taught here in the undergraduate course for a considerable part of the topics taught in the graduate course. Those who pursue successfully the graduate course will receive the degree of Master of Laws (M.L.).

#### DEGREE OF D.C.L.

The degree of Doctor of Civil Law (D.C.L.) may be conferred upon those who attain a high standard of proficiency and submit a thesis of marked excellence, evincing some original research ; provided they have been graduated at some collegiate institution as Bachelors of Arts, Philosophy, or Philology, or are graduates of the Yale Law School, who attained a prescribed standard of scholarship on their examination for their prior degree, or are graduates of other Law Schools who present a certificate of distinction in scholarship from their former instructors.

The degree of D.C.L. will not be awarded to any one who has not made Roman Law his major study through this course. All who propose to take the studies in Roman Law from the original sources must pass a preliminary examination upon the outlines of Roman Law and History (unless they received their degree at a Law School where Roman Law constituted one of their studies), and also in the Latin and either the French or German language. In the case of students from foreign and not English-speaking countries, a good knowledge of the English language may be accepted as an equivalent for that of French or German.

The presentation of a satisfactory thesis, on an assigned or approved topic, is required as a condition of *every degree*.



## EXAMINATIONS

There will be an examination of candidates for admission to the Junior Class at the Law School in New Haven on the day after the University Commencement and also on the day before the opening of the Fall Term. In 1899 examinations for admission to the Junior Class will also be held on June 30, in Albany, N. Y., at the Albany Academy ; Buffalo, N. Y., at the Central High School ; Chicago, Ill., at the Bryant & Stratton Business College ; Cincinnati, O., at the Hughes High School ; Cleveland, O., at the University School ; Denver, Col., at the East Denver High School ; Milwaukee, Wisc., at the Milwaukee Academy, 471 Van Beuren street ; New York City, at the Y. M. C. A. building ; Philadelphia, Pa., at the Eastburn Academy, 700 North Broad street : Pittsburg, Pa., at Shady Side Academy ; Portland, Oregon, at the Bishop Scott Academy ; St. Louis, Mo., at the Board of Education building ; St. Paul, Minn., at the High School ; San Francisco, Cal., at the Urban School, 2124 California street ; Tacoma, Wash., at the Tacoma Academy ; and at Washington, D. C., in the examination-room of the Patent Law Association. Candidates who propose to be present elsewhere than at New Haven are requested to communicate with Professor George E. Beers, Secretary of the Faculty, before June 15. A fee of five dollars (payable at the opening of the sessions) is charged for admission to examinations outside of New Haven.

Regular examinations of candidates for admission to advanced standing are held towards the end of the Second Term, and at the beginning of the First Term. Examinations for degrees are held only at the close of the Second Term. To students who, after two years of residence at the School, pursue their studies for a third year elsewhere, and return for their final examinations for a degree, a fee of \$15 for such examinations will be charged.

An examination for admission to the graduate course of those intending to make Roman Law their major study

will be held on the day after the University Commencement, beginning at 9 A. M. in the Law School Building. This examination will cover reading Latin at sight and one of the modern languages required; also the outlines of Roman Law and History, in the case of those not graduates of some institution where these were regularly taught and where they passed a satisfactory examination in these studies.

#### LIBRARY, PRIZES, ETC.

The special Library of the Department, which has a permanent endowment for its support (the English Fund, established by the Hon. James E. English, M.A., in 1873), contains about ten thousand volumes, and is open daily and in the evening during term time. It embraces all the reports of Great Britain and America, with an extensive collection of text-books, and the leading legal periodicals. The students can also draw books from the general University libraries, containing over 250,000 volumes.

The following prizes are open to competition:

The JOSEPH PARKER PRIZE (established by the will of Miss Elizabeth Parker in 1898), of one hundred and fifty dollars, for the best thesis on a subject connected with Roman Law, presented by any member of the School at graduation from either the undergraduate or graduate course.

The TOWNSEND PRIZE (established by the Hon. James M. Townsend, in 1874), of one hundred dollars, to that member of the Senior Class who shall write and pronounce the best oration at the public anniversary exercises on graduation.

The JEWELL PRIZE (established by the Hon. Marshall Jewell, M.A., in 1871), of fifty dollars, to that member of the Senior Class who receives the highest marks at his annual examination.

The EDWARD THOMPSON COMPANY PRIZE: A set of the first or of the second edition of the *Encyclopaedia of Law*,

or a set of the Encyclopaedia of Pleading and Practice, as the successful competitor may elect, to that member of the Middle Class who shall pass the best examination in the required and optional studies of that year.

The BETTS PRIZE (established by Frederic H. Betts, M.A., in 1875), of fifty dollars, to that member of the Junior Class who receives the highest marks at his annual examination.

The MUNSON PRIZE (established by C. LaRue Munson, LL.B., M.A., in 1890), of fifty dollars, for the best graduating thesis by a member of the Senior Class.

The WAYLAND PRIZES (established by Professor Francis Wayland in 1890), one Prize of fifty dollars, one Prize of thirty dollars, and one Prize of twenty dollars, to those three members of the Yale Kent Club who, at a public competitive debate, are pronounced first, second, and third in excellence as debaters.

#### DEGREES

In the undergraduate course, the degree of Bachelor of Laws or Bachelor of Civil Law, as the case may be, is conferred by the Corporation, upon the recommendation of the Faculty of the Department, on all students who, having finished the prescribed courses of study, have passed satisfactory examinations thereon, and have submitted to the Faculty a creditable thesis on some designated legal subject. In the graduate course the degrees of Master of Laws (M.L.) and Doctor of Civil Law (D.C.L.) are conferred under the conditions already specified on pp. 331-32.

Degrees are awarded, in cases of students of unusual merit, *cum laude*, *magna cum laude*, or *summa cum laude*.

#### EXPENSES

The fees for tuition and use of the University and Law libraries are, in the regular undergraduate course, forty-five dollars for the First Term and eighty dollars for the

Second Term, if paid each term, or one hundred and ten dollars for the entire year (if paid in advance); and in the graduate course, eighty dollars for the First Term and one hundred and forty dollars for the Second Term, if paid each term, or two hundred dollars for the whole year (if paid in advance). Tuition fees, whether paid by the term or for the year, must be paid to the Treasurer of the University in advance, or secured by a bond with surety to his satisfaction; and where payment is not made in advance, interest will be added. The fee for graduation is five dollars.

The tuition charges for special students vary in proportion to the amount of instruction and supervision required.

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Board and lodgings can be obtained at prices ranging from five dollars a week upwards.

For further particulars, inquiries may be addressed to Professor Francis Wayland, Dean of the Faculty.

## LIBRARIES

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ADDISON VANNAME, M.A., *Librarian*

FRANKLIN B. DEXTER, M.A., *Assistant Librarian*

J. SUMNER SMITH, B.A., *Assistant Librarian*

LOUIS F. GRAY, *Librarian of Linonian and Brothers Library*

ANNIE E. HUTCHINS, *Assistant*

HENRY R. GRUENER, *Assistant*

Mrs. HENRIETTA C. GILBERT, *Assistant*

Mrs. JESSIE C. HARGER, *Assistant*

GEORGE A. JOHNSON, *Assistant*

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The Standing Committee in charge of the Library, appointed by the Corporation, consists of President DWIGHT, Professors SALISBURY, DAY, FISHER, LOUNSBURY, DANA, SEYMOUR, and FARNAM, and the Librarian.

The whole number of volumes in the several libraries of the University is about 290,000.

The UNIVERSITY LIBRARY contains about 245,000 volumes and many thousands of unbound pamphlets. For some years past the average annual increase has been more than 5,000 volumes. Of current periodical publications, including publications of learned societies, the Library receives an unusually large number, the foreign serials alone being not less than five hundred. While designed especially for the use of the officers, resident graduates, and students of the several Departments of the University, other persons may have the privilege of consulting and, by permission of the Library Committee, of drawing books. The Library is open daily, except Sundays, in term-time, from 9 A. M. to 5 P. M.; the reference-library and reading-room is open until 9 P. M. In the Winter vacation and through July the Library is open during the morning hours, and in the rest of the Summer vacation on Monday, Wednesday, and Saturday mornings.

The new library building, erected by the munificence of the late Hon. Simeon B. Chittenden, of Brooklyn, N. Y., began to be occupied in 1890.

THE LINONIAN AND BROTHERS LIBRARY, occupying the south wing of the old Library building, contains about 21,000 volumes, to which additions of several hundred volumes, chiefly of the best current literature, are annually made. It is designed primarily for the use of the students, and is open in term-time, daily, except Sundays, from 9 A. M. to 5 P. M. In vacations it is open on Monday, Wednesday, and Saturday mornings.

In addition to the periodicals received at the University Library, there will be found in the Reading room (in the north wing) fifty-five daily newspapers, American and foreign, fifty-seven weeklies, and about seventy-five other periodicals. This is open daily in term-time from 9 A. M. to 8 P. M. (on Sundays from 1.30 to 8 P. M.).

In Dwight Hall, which is open daily from 8 A. M. to 9 P. M., will be found forty-five newspapers and periodicals, mostly religious, and a library of nearly 1,000 volumes, selected mainly with reference to the study of the Bible.

THE LAW LIBRARY, containing about 10,000 volumes, among which are included complete sets of the English, American, Irish, and Canadian Reports, is on the third floor of the Law School Building; it is open daily, until 9 P. M., in term-time.

THE SHEFFIELD SCIENTIFIC SCHOOL LIBRARY, in Sheffield Hall, is a valuable collection of about 5,000 volumes, chiefly mathematical.

THE TROWBRIDGE REFERENCE LIBRARY of the Divinity School, in Bacon Memorial Hall, contains over 3,000 volumes of standard and recent theological literature. It is open in term-time in the afternoons and evenings.

THE LOWELL MASON LIBRARY OF CHURCH MUSIC, in West Divinity Hall, is accessible to those interested in the study of this subject. It embraces about 8,000 titles in 4,000 volumes.

The LIBRARY OF FOREIGN MISSIONS, in East Divinity Hall, contains over 3,000 volumes, with all the leading missionary periodicals.

The Art School has a Library of about five hundred volumes.

The Library of the Medical School is incorporated in the University Library.

The Library of the American Oriental Society, consisting of about six thousand books and manuscripts, is deposited in the University Library building.

# PEABODY MUSEUM OF NATURAL HISTORY

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## CURATORS

OTHNIEL C. MARSH, PH.D., LL.D., *Curator of the Geological Collection*

ADDISON E. VERRILL, M.A., *Curator of the Zoological Collection*

EDWARD S. DANA, PH.D., *Curator of the Mineralogical Collection*

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In 1866, George Peabody, of London, but of Massachusetts birth, entrusted to a board of Trustees, selected by himself, the sum of \$150,000, "to found and maintain a Museum of Natural History, especially in the departments of Zoology, Geology, and Mineralogy, in connection with Yale College." Of this sum, \$100,000 was devoted by Mr. Peabody to the erection, "on land to be given for that purpose by the President and Fellows of Yale College, of a fire-proof building," "planned with special reference to its subsequent enlargement," to be, "when completed, the property of Yale College." Of the remainder of the gift, \$20,000 was set apart to "accumulate as a building fund" and \$30,000 to meet by its income from investment the expenses attending "the care of the Museum, the increase of its collections, and the general interests of the departments of science before named."

Ten years later, in 1876, the first wing of the Museum—the part now standing—was completed and furnished with



cases at a cost of \$175,000, the whole outlay being met by the accumulated building fund. The central part of the projected structure and the South wing—which will extend it to Library street—remain to be built whenever the means available for the purpose shall be adequate. The central part is much needed, as only a small part of the specimens secured can now be placed on exhibition.

The first floor of the building is devoted to the department of Mineralogy and to the purposes of a large lecture-room. The minerals occupy cases in the west room, the door of which fronts the entrance to the Museum. The minerals of the Gibbs collection, deposited by Col. George Gibbs with the College in 1809-10, and purchased in 1825 at a cost of \$20,000, and the extensive accumulations since made, are here preserved and for the most part on exhibition, making it one of the largest public collections in the country. The private cabinet of Professor Brush, arranged in drawers in his private room on the same story, although not open to general exhibition, adds greatly to the means of study and investigation in this department. Besides minerals, the exhibition-room contains one of the largest collections of meteorites in the country ; among the specimens, there are the famous mass of meteoric iron from Texas, weighing 1635 pounds ; some hundreds of meteorites, large and small, all of which came from a single fall in Iowa, in May, 1879 ; the interesting Weston meteorite, which fell in Weston, Connecticut, in 1807, and was soon after described at length by Professors Silliman and Kingsley ; besides many others of special interest. An important recent addition is a collection of meteorites, numbering nearly one thousand, which came from the great meteoric fall of May 2, 1890, in Winnebago County, Iowa. A case in the center of the room contains the large and beautiful collection of Chinese artistic work in stone, chiefly in jade and agate, with other like objects, bequeathed by Dr. S. Wells Williams, who was for forty-three years in China as Christian philanthropist, editor, author, and attaché to the

American legation, and for some years before his decease was the Professor of Chinese in the University. A large room on the same story is arranged for mineralogical and blowpipe instruction, with desks and a students' cabinet of minerals, under the charge of Professor Penfield.

The second floor is given up to Geology and Palaeontology. The southern room contains vertebrate fossils. The latter are mostly collections made by Professor Marsh, in the Rocky-Mountain region and other parts of the West, and presented to the University. In this room the first horizontal case to the left of the entrance contains specimens of toothed birds, mainly *Hesperornis* and *Ichthyornis*, discovered by Professor Marsh in the Cretaceous rocks of Kansas. Near by, in the first vertical case against the wall, are the bones of a large Mastodon from the Post-Pliocene of southern New York. In the second wall-case on the east side are the huge bones of the Miocene *Brontotheriidae* from Dakota and Nebraska. In the two wall-cases at the southeastern corner are remains of the *Dinocerata*, large horned mammals from the Eocene of Wyoming. In the horizontal case adjoining may be seen two skeletons of gigantic Moas (*Dinornis*), extinct birds from New Zealand. In the center of the room are part of the bones of an enormous Dinosaur (*Brontosaurus*), sixty feet in length, from the Jurassic of Wyoming, and a large slab, standing vertically, showing the skeleton of a *Mosasauro* from the Chalk of Kansas. Behind this is a case containing the nearly complete skull of *Triceratops*, a gigantic Dinosaur from the Cretaceous of Wyoming. The horizontal case to the right of the entrance and the wall-case adjoining it on the west contain the remains of another Jurassic Dinosaur (*Stegosaurus*), about thirty feet long, which, as the specimens show, had a series of very large vertical plates along the back, and four pairs of immense spines on the tail. In the lower part of the next vertical case lies part of a thigh bone of *Atlantosaurus*, the largest of Dinosaurs and of land

animals yet known. A horizontal case on the south side of the room contains the feet of various animals, and among them the bones of the feet of three-toed and four-toed horses from the Tertiary of Nebraska and Wyoming. In the wall-case south of this are remains of the extinct Irish Elk, and over the case is the skull with the large antlers complete. At the southwestern corner of the room, the wall-cases contain the bones of *Morosaurus*, another Jurassic Dinosaur. In the adjoining horizontal case is a series of Eocene fishes from Utah.

The western exhibition-room is occupied mainly by a collection of invertebrate fossils, arranged zoologically. The first vertical case on the south is devoted chiefly to fossil sponges, among which the series of *Brachiospongiae* is the most notable. Then follow two cases of corals, with many fine examples from Kentucky, Ohio, and New York. The nine succeeding cases contain collection of crinoids, trilobites, crustacea, bryozoa, and fossil shells. Two large wall-cases on the eastern side of the room exhibit slabs and tablets of crinoids, mostly from Indiana. A third wall-case encloses a large slab measuring four by six feet, showing nearly thirty species of fossils represented by upwards of one hundred and forty individuals. One table-case contains many type specimens illustrating the development, structure, and classification of Trilobites, and a second is devoted to recent brachiopods, of which the museum has an extensive collection. The collections of invertebrate fossils are especially in charge of Professor Beecher.

Of the large collection of foot-prints belonging to the University, only a few fine slabs are on exhibition, part of them in each of the two exhibition-rooms of the second story. One of the most interesting is a slab about twelve feet long, covered throughout with raindrop impressions, and, besides these, two series of foot-prints of biped reptiles, one line of them extending the whole length of the slab.

The third story is occupied with the zoological collections, so far as there is room for their exhibition. The general zoological collection occupies the western room ; and nearly the whole has been accumulated since Professor Verrill took charge of the department. The specimens are well arranged for exhibition and all labelled. Facing the south door stands a vertical case devoted to the Sponges, among which are many species of the siliceous or glass sponges (*Euplectella*, etc.). Beyond the sponges, twelve cases are filled with the collection of corals, which is one of the most extensive in the country. These are followed by the Echinoderms, etc. Several cases are devoted to a collection of the marine invertebrates of New England, which is nearly complete. Other cases contain special collections of the shells and corals of the Pacific Coast of America ; of the corals of Bermuda ; of the shells of Florida, etc. The collections are rich in species from the deep-sea dredgings in the Atlantic, but only a small part is on exhibition. Overhead are models of two of the huge Cephalopods of the world : one, of twice the natural size, an Octopus from California, 28 feet in diameter (between the tips of the opposite arms), and the other, of natural size, a species of the Newfoundland seas, related to the Squids, having enormous eyes, and a length, from the posterior extremity to the tips of the longer arms, of 42 feet. The models were made for the zoological department by Mr. J. H. Emerton.

The southern exhibition-room of the zoological story contains a collection of skeletons in cases on its east and south sides, beginning near the door. These were presented by Professor Marsh. The skeletons of mammals, beginning with man and the apes, occupy all the east side ; and then come the birds, reptiles, and fishes. The rest of the cases are occupied with collections of vertebrates, both mounted and alcoholic, and include a nearly complete series of the species inhabiting New England.

The second and third stories have also large laboratories and workrooms, devoted to the department represented in the exhibition-rooms of the story: Those of the second or geological story are in charge of Professor Marsh; and those of the third or zoological story, besides serving for workrooms, are for the laboratory exercises and instruction of students in General Zoology under Professor Verrill. These rooms contain also large collections of specimens arranged in drawers and trays, which are open to special students in the department.

In the fourth story is a large Archaeological collection, recently presented to the University by Professor Marsh. As the funds of the Museum are restricted to the departments of Mineralogy, Geology, and Zoology, the cases of the old Yale Cabinet were fitted up for this collection.

The basement is devoted to workrooms and storerooms, and contains a vast amount of specimens, in the departments especially of Palaeontology and Zoology. This part of the building is closed to visitors.

The exhibition-rooms are open from 9 A. M. to 6 P. M., except in the winter, when the hours are from 9 A. M. to 5 P. M. The janitor of the building is Mr. J. Rice, 92 High street.

# THE OBSERVATORY

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THE OBSERVATORY has been built from the avails of the gift of the late Hon. Oliver F. Winchester, of New Haven, on land given by the late Mrs. Cornelia L. Hillhouse and her daughters. The principal astronomical instruments now in use are a six-inch Heliometer constructed by Messrs. Repsold, of Hamburg, an eight-inch Equatorial by Messrs. Grubb, of Dublin, given by the late Mr. Edward M. Reed, of New Haven, and an equatorially mounted set of Cameras for photographing meteors.

Besides its ordinary astronomical work, the Observatory maintains two public services. Continuous time-signals are transmitted from the distributing clock at the Observatory to the railroads and other parties. The Observatory offers facilities also to persons interested in accurate thermometry for the comparison of thermometers with standard instruments.

For the proper performance of these services the following equipment is in use:

1. Standard clocks, a transit instrument, chronographs, and the accessories for refined accuracy in the determination and transmission of time.

2. Apparatus for research and comparison in thermometry, including a collection of the best thermometers obtainable of the foreign makers and observatories which devote special attention to thermometric standards.

Descriptive circulars of the thermometric service may be obtained by addressing the Observatory.

By the will of Professor Elias Loomis, who died in 1889, the Observatory receives one-third of the income, and will ultimately receive the entire income, of a fund established by him and called *the Loomis Fund*. The income received is to be applied to one or more of the following objects only, namely, the payment of the salaries of observers whose time is exclusively devoted to the making of observations for the promotion of the science of astronomy, the reduction of astronomical observations, and the defraying the expense of publishing these observations and of publishing investigations based upon astronomical observations. The principal of the Loomis Fund is over three hundred thousand dollars.

## UNIVERSITY PRIZES

The JOHN A. PORTER PRIZE, of the value of two hundred and fifty dollars, established by the Kingsley Trust Association in 1872, is offered for the best English Essay on a prescribed subject. Competing essays must be handed in after the close of the Spring Recess, and the award will be announced on Commencement Day. Any person who has been pursuing a regular course for a degree in any Department during the whole of the current College year, may compete for this prize. If none of the competing essays is of sufficient merit, the prize will not be awarded.

The subjects for Essays in 1899 are as follows :—

1. What is a Free Man in a Free State ?
2. The Historical Antecedents and Causes of Populism.
3. Spanish Colonial Policy.
4. Sir Henry Bessemer and his Contribution to the Industrial Age.
5. An Anglo-American Alliance.
6. Evolutions from Radicalism to Conservatism in the History of American Political Parties.
7. The Ethics of Creed Subscription.
8. Authority of the Protestant Church of to-day.
9. The Influence of Social and Economic Conditions on the Productivity of Genius.
10. The Decadent School of Modern French Literature.
11. The Historical Romance in Germany, with special reference to the Influence of Sir Walter Scott.
12. The Life of the English Country Gentleman at the middle of the Fifteenth Century.
13. The Results, thus far, of the Interstate Commerce Act.

The essays, which should be signed by an assumed name and accompanied by a sealed envelope containing the writer's full name, will be due on May 1, in the care of P. O. Drawer M, New Haven.

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The DANIEL C. EATON GRADUATE SCHOLARSHIP IN BOTANY is endowed with the income of a fund of two thousand dollars, given by Mrs. Eaton in 1897 to found a



Graduate Scholarship in Botany in commemoration of her husband, the late Professor Daniel C. Eaton. This scholarship, in the graduate department, will be open for competition to members of the Senior Classes in the Academic and Scientific departments, on conditions to be prescribed by the Governing Board of the Sheffield Scientific School.

---

The BENNETT PRIZE, being the income of a fund of one thousand dollars, given in 1893 by James Gordon Bennett, Esq., of New York City, is awarded annually on Commencement Day to that undergraduate member of the Senior class in either the Academical Department or the Sheffield Scientific School, who shall have pursued courses in Political Science and English Literature, and shall have prepared the best essay, in English prose, upon some subject of contemporaneous interest in the domestic or foreign policy of the United States government, selected by the Faculty.

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The COBDEN CLUB SILVER MEDAL is awarded annually to that undergraduate of either the Academical Department or the Sheffield Scientific School who shows the greatest proficiency in the elements of Political Economy.

# LISTS OF STUDENTS

## DEPARTMENT OF PHILOSOPHY AND THE ARTS

### GRADUATE SCHOOL

[Students marked "A." are pursuing courses of study in absence under the direction of the Faculty for the degree of Master of Arts, Mechanical Engineer, or Civil Engineer, in accordance with provisions made on pages 194-96.]

Elizabeth Frances Abbe, M.A. } Wellesley College 1888	<i>Dorchester, Mass.</i>	37 Howe st.
Ellen Cornelia Abbott, B.A. } Vassar College 1892	<i>West Haven, Conn.</i>	39 Lynwood st.
Harriet Elizabeth Abbott, B.A. } Vassar College 1895	<i>Waterbury, Conn.</i>	Waterbury
Mary Winchester Abbott, B.A. } Vassar College 1894	<i>West Haven, Conn.</i>	West Haven
James Frank Adams, B.A. } Baylor Univ. 1896 and Yale University 1898	<i>Celeste, Tex.</i>	I TR.
James Truslow Adams, B.A. } Brooklyn Polytechnic Inst. 1898	<i>Brooklyn, N. Y.</i>	564 P.
Mary Adèle Allen, B.A. } Smith College 1886	<i>Holyoke, Mass.</i>	83 Grove st.
William Gilbert Anderson, M.D. } Western Reserve Univ. 1883	<i>Cleveland, O.</i>	120 College st.
William Lucius Armstrong, B.A. } Yale University 1889, M.D. Columbia Univ. 1893	<i>New York City</i>	A.
Munson Darwin Atwater, B.A. } Indiana University 1894	<i>Bloomington, Ind.</i>	22 Carmel st.
Martha Austin, B.S. } Smith College 1892, Ph.D. Yale Univ. 1898	<i>Easthampton, Mass.</i>	83 Grove st.
Thomas Nelson Baker, B.A. } Boston University 1893, B.D. Yale University 1896	<i>Eastville, Va.</i>	35 Foote st.
Ernest Hickok Baldwin, B.A. } Yale University 1891	<i>Cheshire, Conn.</i>	150 Grove st.

Cecil Kittredge Bancroft, B.A. } Yale University 1891	Andover, Mass.	102 N.
Edith Bancroft, B.A. } Wellesley College 1892	Reading, Mass.	90 Whalley av.
Harriet Anna Barber, B.A. } Mt. Holyoke College 1894	Seymour, Conn.	56 Whalley av.
Joseph Barrell, M.S. } Lehigh University 1897	New Providence, N. J.	373 Crown st.
Arthur Henry Bartlett, B.A. } Yale University 1898	Plainville, Conn.	7 College st.
Samuel Eliot Bassett, B.A. } Yale University 1898	New Haven, Conn.	41 Lynwood st.
Laura Jennie Beach, B.A. } Vassar College 1896	New Haven, Conn.	615 George st.
Birdie Iva Beals, PH.B. } Univ. of Washington 1898	Burlington, Wash.	232 Columbus av.
Alling Prudden Beardsley, B.A. } Wesleyan University 1898	Derby, Conn.	Derby
Gertrude Harper Beggs, B.A. } University of Denver 1893	St. Louis, Mo.	224 Oak pl.
Bernhard Beinecke, PH.B. } Yale University 1898	New York City	36 Elm st.
Winchester Bennett, PH.B. } Yale University 1897	New Haven, Conn.	258 Church st.
Alexander Garner Bentley, B.A. } Yale University 1896	Washington, D. C.	A.
John Milton Berdan, B.A. } Yale University 1896	New York City	523 P.
Frederick Courtney Bishop, M.D. } Yale University 1895	New Haven, Conn.	1223 Chapel st.
Arthur Eli Booth, C.E. } Yale University 1893	Peace Dale, R. I.	3 Lake pl.
Malcom Booth, PH.B. } Yale University 1879	New Haven, Conn.	12 Gill st.
Zakar Elijah Boyajian, B.A. } Euphrates College 1895	Harpoot, Turkey	249 Crown st.
Marion Elizabeth Bradbury, B.A. } Wellesley College 1893	Melrose, Mass.	56 Whalley av.
Mercy Agnes Brann, B.A. } Colby University 1897	Dover, Me.	74 Lake pl.
William Edwin Breckenridge, B.A. } Yale University 1893	Montclair, N. J.	A.
Margaret Robinson Brendlinger, B.A. } Vassar College 1895	Philadelphia, Pa.	Norwalk
Arthur Brewer, PH.B. } Yale University 1897	New Haven, Conn.	418 Orange st.
Grace Irene Bridge, B.A. } Univ. of Nebraska 1895	Fremont, Nebr.	89 Whalley av.

John Law Bridge, B.S. } Wesleyan University 1888, PH.D. Clark University 1894 }	Hazardville, Conn.	Waterbury
Howard Futhey Brinton, B.A. } Yale University 1898 }	West Chester, Pa.	99 Howe st.
John Merritt Bromley, B.A. } Yale University 1898 }	New Haven, Conn.	101 St. John st.
James Ansel Brooks, PH.B. } Yale University 1898 }	Derby, Conn.	66 Audubon st.
Curtis Palmer Brown, PH.B. } Yale University 1897 }	New Haven, Conn.	220 Lawrence st.
Ernest William Brown, PH.B. } Yale University 1897 }	New Haven, Conn.	106 Sherman av.
Herbert Stanley Brown, B.A. } Yale University 1896 }	Detroit, Mich.	340 Howard av.
William Adams Brown, B.A. } Yale University 1886, M.A. Yale University 1888 }	New York City	New York
Emory Gorsuch Buckingham, B.A. } Western Maryland College 1898 }	Westminster, Md.	333 York st.
Arthur Bumstead, B.A. } Yale University 1895 }	Roxbury, Mass.	313 York st.
Otis Gridley Bunnell, PH.B. } Yale University 1892 }	Burlington, Conn.	92 York sq.
Eugene Watson Burlingame, B.A. } Yale University 1898 }	Albany, N. Y.	A.
Curtis Clark Bushnell, PH.D. } Yale University 1895 }	New Haven, Conn.	92 York sq.
Harold Edgar Buttrick, B.A. } Yale University 1894 }	Brooklyn, N. Y.	A.
George William Carter, B.A. } Wesleyan University 1892, B.D. Drew Theol. Sem. 1893 }	West Haven, Conn.	West Haven
Burr Clark Chamberlin, PH.B. } Yale University 1897 }	Dalton, Mass.	332 Temple st.
George Peabody Chandler, B.A. } Yale University 1895 }	Germantown, Pa.	46 College st.
William Woods Chandler, B.A. } Yale University 1896 }	New Haven, Conn.	31 High st.
Hannibal Hamlin Chapman, B.A. } Colby University 1897 }	W. Bethel, Me.	139 Dwight st.
Harvey Wood Chapman, B.A. } Yale University 1896 }	Bridgeport, Conn.	Bridgeport
William Churchill, B.A. } Yale University 1897 }	New Britain, Conn.	100 W. D.
Charles Upson Clark, B.A. } Yale University 1897 }	Brooklyn, N. Y.	Rome, Italy
George Harry Clark, PH.B. } Yale University 1896 }	New Haven, Conn.	125 Spring st.

Thomas Ludlow Clarke, B.A. } Yale University 1897	New York City	A.
Herdman Fitzgerald Cleland, B.A. } Oberlin College 1894	Pierce, Nebr.	55 N. S. H.
Henry Sloane Coffin, B.A. } Yale University 1897	New York City	A.
Edward L. Colebeck, B.A. } Northwestern University 1893, M.A. Northwestern University	Toledo, Iowa	159 Elm st.
Edward Day Collins, B.A. } Yale University 1896	Barton Landing, Vt.	571 P.
Molton Avery Colton, B.A. } Yale University 1898	New Haven, Conn.	104 Park st.
Lewis Roberts Conklin, B.A. } Yale University 1896	Monroe, N. Y.	A.
William Eugene Conklin, B.A. } Trinity College 1893	Hartford, Conn.	73 Lake pl.
Hollie May Conrey, B.A. } Nat'l. Normal Univ. 1894	Lebanon, O.	276 Orange st.
Charles Montague Cooke, Jr., B.A. } Yale University 1897	Honolulu, H. I.	343 George st.
Alberta Linton Corbin, B.A. } Univ. of Kansas 1893	Lawrence, Kansas	26 Howe st.
John Oscar Creager, B.A. } Yale University 1897	W. Manchester, O.	59 Prospect st.
James Judson Crossley, M.A. } State University of Iowa 1897	Wintusset, Iowa	128 Howe st.
Charles Edward Curtis, PH.B. } Yale University 1888	New Haven, Conn.	254 Prospect st.
George Barton Cutten, B.A. } Yale University 1897	Amherst, Nova Scotia	Montowese
Walter Wells Davis, B.A. } Leland Stanford, Jr., Univ. 1897	Maynard, Iowa	Gymnasium
Frederick Marcy DeForest, PH.D. } Yale University 1898	Bridgeport, Conn.	Bridgeport
Lee DeForest, PH.B. } Yale University 1896	Talladega, Ala.	63 W. D.
Moreau Delano, B.A. } Yale University 1898	New York City	A.
Elizabeth Street Dickerman, PH.D. } Yale University 1896	New Haven, Conn.	46 Lake pl.
Sherwood Owen Dickerman, B.A. } Yale University 1896	New Haven, Conn.	Athens, Greece
Louise Dodge	Danvers, Mass.	83 Grove st.
George Francis Dominick, Jr., B.A. } Yale University 1894	New York City	A.
Edgar Selah Downs, B.A. } Yale University 1898	Southington, Conn.	1157 Chapel st.

Schmucker Duncan, M.A. } Yale University 1894	Gettysburg, Pa.	1142 Chapel st.
Edward Lewis Durfee, B.A. } Yale University 1896	Palmyra, N. Y.	571 P.
John Eastlund, B.S. } Bethany College 1898	Lindsborg, Kansas	218 Mansfield st.
George Francis Eaton, PH.D. } Yale University 1898	New Haven, Conn.	70 Sachem st.
Gaston Holcomb Edwards, PH.B. } Yale University 1897	Granby, Conn.	57 Prospect st.
Jay Glover Eldridge, B.A. } Yale University 1896	Penfield, N. Y.	39 Lake pl.
Alexander William Evans, PH.B. } Yale University 1890	New Haven, Conn.	2 Hillhouse av.
Evore Evans, B.D. } Yale University 1895	Ellsworth, Conn.	31 Beers st.
Samuel John Evers, B.A. } Lebanon Valley Coll. 1891, B.D. Yale University 1895	Glenbrook, Conn.	Glenbrook
Arthur Woolsey Ewell, B.A. } Yale University 1897	Washington, D. C.	1010 Chapel st.
Charles Kingsley Fankhauser, B.A. } Marietta College 1893, B.D. Yale University 1896	Avon, Conn.	121 Dwight st.
Bennett William Farnham, PH.B. } Yale University 1897	Westville, Conn.	Westville
Hollon Augustus Farr, B.A. } Yale University 1896	Athol, Mass.	333 York st.
Albert Baldwin Fifield, B.A. } Yale University 1878	New Haven, Conn.	442 George st.
Allyn King Foster, TH.M. } So. Baptist Theol. Sem. 1894	New Haven, Conn.	140 Shelton av.
John Marshall Gaines, B.A. } Yale University 1896	New Haven, Conn.	530 P.
Arthur James Gammach, M.A. } Trinity College of Toronto 1891	W. Hartford, Conn.	80 Broadway
Silas Wright Geis, B.L. } Univ. of California 1898	Fresno, Cal.	83 Sachem st.
Karl Frederick Geiser, PH.B. } Upper Iowa University 1893	Fayette, Iowa	47 Lake pl.
Isaac Thomas Gillam, Jr., B.A. } Howard University 1898	Little Rock, Ark.	1016 Chapel st.
George Wilbur Fiske Gillette, PH.B. } Yale University 1896	New Haven, Conn.	9 Eld st.
William Anthony Granville, PH.D. } Yale University 1897	New Haven, Conn.	7½ Eld st.
Roland Palmer Gray, B.A. } Columbia University 1893	Rochester, N. Y.	90 High st.

Herbert Ernest Gregory, B.S. } Gates College 1890, B.A. Gates 1895 and Yale Univ. 1896 }	<i>Neligh, Nebr.</i>	55 N. S. H.
John Lewis Gregory, PH.B. } Yale University 1897 }	<i>Erie, Pa.</i>	200 Grove st.
Matthew Griswold, Jr., PH.B. } Yale University 1888 }	<i>Erie, Pa.</i>	A.
William Henry Hackett, B.A. } Yale University 1893 }	<i>New Haven, Conn.</i>	143 West st.
William Edwin Haesche, MUS.B. } Yale University 1897 }	<i>New Haven, Conn.</i>	246 Atwater st.
Archibald McClellan Hall, PH.D. } Butler University 1892, B.D. Yale University 1897 }	<i>Irvington, Ind.</i>	8 E. D.
Herbert Franklin Hamilton, B.A. } Amherst College 1897 }	<i>Greenfield, Mass.</i>	90 Whalley av.
Maude Hammond, B.A. } University of Nebraska 1894, M.A. Univ. of Nebraska 1897 }	<i>Lincoln, Nebr.</i>	89 Whalley av.
Josiah Harmar, PH.B. } Yale University 1892 }	<i>Philadelphia, Pa.</i>	A.
Ella Isabel Harris, M.A. } Waynesburg College 1892 }	<i>Westfield, N. J.</i>	47 York sq.
Francis Burton Harrison, B.A. } Yale University 1895 }	<i>New York City</i>	A.
Carl Axel Harström, M.A. } Hobart College 1886 }	<i>Norwalk, Conn.</i>	Norwalk
Joseph Hall Hart, B.A. } Yale University 1898 }	<i>Cincinnati, O.</i>	527 P.
Joseph Culver Hartzell, B.S. } U. S. Grant University 1892, M.S. U. S. Grant Univ. 1895 }	<i>Baltimore, Md.</i>	74 Lake pl.
Franke Stuart Havens, B.A. } Yale University 1896 }	<i>Hartford, Conn.</i>	427 Temple st.
Edward Stone Hawes, M.A. } Amherst College 1893 }	<i>Burlington, Vt.</i>	254 Crown st.
Mabel Cary Hawes, B.A. } Wellesley College 1891 }	<i>Burlington, Vt.</i>	254 Crown st.
Herbert Edwin Hawkes, B.A. } Yale University 1896 }	<i>New Haven, Conn.</i>	391 Edgewood av.
William Wilson Heaton, B.A. } Yale University 1896 }	<i>New York City</i>	A.
William Milton Hess, B.A. } Yale University 1896 }	<i>Philadelphia, Pa.</i>	333 York st.
Mary Cornwall Hewitt, B.A. } Smith College 1897 }	<i>New Haven, Conn.</i>	65 Dixwell av.
Clara Maria Hitchcock, PH.B. } University of Chicago 1897 }	<i>Michigan City, Ind.</i>	34 Hillhouse av.
James Ladd Hitchcock, PH.B. } Yale University 1897 }	<i>Buffalo, N. Y.</i>	120 High st.

Richard Thayer Holbrook, B.A. } Yale University 1893	<i>Yonkers, N. Y.</i>	170 F.
Edwin Knight Holden, B.A. } University of Wisconsin 1882, A.D. Yale University 1886	<i>Bridgeport, Conn.</i>	Bridgeport
Frederick Augustus Holden, B.A. } Amherst College 1878	<i>Burlington, Conn.</i>	Burlington
George Clay Hollister, B.A. } Yale University 1896	<i>New York City</i>	A.
Charles Henry Huberich, LL.B. } University of Texas 1897, LL.M. University of Texas 1898	<i>San Antonio, Tex.</i>	276 Elm st.
Charles Rollin Hudson, B.A. } Indiana University 1897	<i>Franklin, Ind.</i>	89 w. D.
Robert Ernest Hume, B.A. } Yale University 1898	<i>Ahmednagar, India</i>	24 Home pl.
Agnes Hunt, B.A. } Smith College 1897	<i>Manchester, N. H.</i>	83 Grove st.
Lola LaMotte Iddings, B.A. } Vassar College 1889	<i>Orange, N. J.</i>	Orange
Howard Maxwell Ingham, PH.B. } Yale University 1897	<i>Philadelphia, Pa.</i>	117 Wall st.
Frank Irwin, M.A. } Harvard University 1890	<i>New Haven, Conn.</i>	57 Wall st.
Howard Chapin Ives, PH.B. } Yale University 1898	<i>West Cheshire, Conn.</i>	625 George st.
Holmes Condict Jackson, PH.B. } Yale University 1896	<i>Newark, N. J.</i>	2 Hillhouse av.
William Julius Edward Jente, B.A. } Yale University 1897	<i>New Haven, Conn.</i>	97 Bristol st.
Harry Benjamin Jepson, B.A. } Yale University 1893, mus.B. Yale University 1894	<i>New Haven, Conn.</i>	52 Howe st.
Frederic Blair Johnson, B.A. } Yale University 1896	<i>Boston, Mass.</i>	A.
Treat Baldwin Johnson, PH.B. } Yale University 1898	<i>Bethany, Conn.</i>	60 Grove st.
William Smythe Johnson, M.A. } Ouachita Bapt. College 1895	<i>Arkadelphia, Ark.</i>	47 Lake pl.
Edward Clinton Jones, B.A. } Yale University 1895	<i>New Haven, Conn.</i>	84 William st.
Louis Cleveland Jones, B.A. } Yale University 1896	<i>E. Durham, N. Y.</i>	Kent Lab'y.
Tyitichi Kairiyama, PH.B. } Cornell University 1898	<i>Yokohama, Japan</i>	99 Howe st.
Kevork Harutune Kazanjian, B.D. } Yale University 1892	<i>New Haven, Conn.</i>	200 Edgewood av.
Alfred Sewell Kedzie, PH.B. } Adrian College 1891, B.A. Adrian College 1893	<i>New Haven, Conn.</i>	495 Elm st.



Albert Galloway Keller, B.A. } Yale University 1896	Milford, Conn.	270 Edgewood av.
George Dwight Kellogg, PH.D. } Yale University 1898	Cambridge, Mass.	90 S. M.
Calvin Noyes Kendall, B.A. } Hamilton College 1882	New Haven, Conn.	139 Humphrey st.
Edward Gridley Kendall, B.A. } Yale University 1895	New Haven, Conn.	62 Lake pl.
Frederick Wilkinson Kilbourne, PH.D. } Yale University 1897	Meriden, Conn.	Meriden
Richard Shelton Kirby, C.E. } Yale University 1898	Port Chester, N. Y.	317 Crown st.
Charles Fronefield Kloss, B.A. } Pennsylvania College 1894	Tyrone, Pa.	62 Lake pl.
Tozaburo Kudo, M.A. } De Pauw University 1896	Tokyo, Japan	73 Lake pl.
Howard La Field, B.A. } Yale University 1891	Delafield, Wisc.	A.
Joshua Larson, B.A. } Augustana College 1889	Altona, Ill.	149 St. John st.
Edward Herman Lay, B.A. } Yale University 1894	New London, Conn.	A.
Charles Samuel Leavenworth, B.A. } Wesleyan University 1896 and Yale University 1897	New Haven, Conn.	79 Howe st.
Edwin Hoyt Lockwood, M.E. } Yale University 1892	New Canaan, Conn.	55 Prospect st.
Arthur Power Lord, B.A. } Yale University 1893. M.A. Yale University 1896	Paris, France	89 Trumbull st.
Frederick Bliss Luquiens, B.A. } Yale University 1897	New Haven, Conn.	201 Bishop st.
Cloyd North McAllister, B.A. } Yale University 1892	New Haven, Conn.	33 Lake pl.
Timothy Robnett MacAnally, B.A. } Southern Normal University 1895	Greenville, Tex.	47 Lake pl.
Eugene Irving McCormac, B.S. } Upper Iowa University 1896	Sumner, Iowa	47 Lake pl.
George Grant MacCurdy, B.A. } Harvard University 1893, M.A. Harvard University 1894	New Haven, Conn.	33 Wall st.
Charles Stedman Macfarland, B.D. } Yale University 1897	Melrose, Mass.	23 E. D.
Winfield Scott Manship, B.A. } Wesleyan University 1886, A.D. Yale University 1889	S. Meriden, Conn.	S. Meriden
Milton Mozart Marble, B.A. } Harvard University 1889	New Haven, Conn.	673 Elm st.
William Crosby Marshall, M.E. } Yale University 1894	Cromwell, Conn.	472 Orange st.

Harriet Anna Merrill, B.A. } Wellesley College 1898	New Haven, Conn.	115 York st.
Alfred Kindred Merritt, B.A. } Yale University 1893	Brainerd, Minn.	267 L.
James Brittain Miller, B.D. } Yale University 1894	New Haven, Conn.	286 Norton st.
Robert Hume Miller, B.A. } Yale University 1897	New Haven, Conn.	133 Wall st.
Edward Eastman Minor, PH.B. } Yale University 1896	New Haven, Conn.	123 Columbus av.
George Alonzo Mirick, M.A. } Amherst College 1896	New Haven, Conn.	84 Wall st.
Sydney Knox Mitchell, B.A. } Yale University 1898	Lakeville, N. Y.	104 Park st.
Ishiro Miyake, } Doshisha University, Japan, 1894	Kumamoto, Japan	119 Park st.
Rose Ruth Morgan, B.A. } University of Kansas 1894	Leavenworth, Kan.	26 Howe st.
William Conger Morgan, B.A. } Yale University 1896	Albany, N. Y.	Kent Lab'y.
Arthur Boothby Morrill, B.A. } Yale University 1873	New Haven, Conn.	459 Orange st.
Oliver Cromwell Morse, B.A. } Yale University 1868	Winter Park, Fla.	1079 Chapel st.
John Killam Murphy, B.A. } Yale University 1897, PH.B. Yale University 1898	New Haven, Conn.	85 Sachem st.
Henry Hotchkiss Murray, PH.B. } Yale University 1893	Viola, Del.	A.
Irene Tanner Myers, M.A. } Bethany College 1889	Wheeling, W. Va.	47 York st.
George Henry Nettleton, B.A. } Yale University 1896	Boston, Mass.	57 Wall st.
John Treadwell Norton, Jr., B.A. } Yale University 1898	Albany, N. Y.	90 Whalley av.
George Kingsley Olmsted, PH.B. } Colorado College 1894, PH.D. Yale University 1898	Hartford, Conn.	59 Prospect st.
Julius Olsen, B.S. } Bethany College 1898	Norway, Kan.	218 Mansfield st.
Charles Grosvenor Osgood, Jr., B.A. } Yale University 1894	Wellsboro, Pa.	139 Dwight st.
Rufus Melvin Overlander, B.A. } Yale University 1898	New Haven, Conn.	69 Church st.
Frederick Morgan Padelford, B.A. } Colby University 1896	Calais, Me.	139 Dwight st.
Elizabeth Hatch Palmer, B.A. } Wellesley College 1887	Ipswich, Mass.	58 Park st.
William Huntington Parker, B.S. } Worcester Polytechnic Institute 1893	New Haven, Conn.	648 Elm st.

Herbert Parsons, B.A. } Yale University 1897 }	New York City	A.
Leona May Peirce, B.A. } Smith College 1886 }	Springfield, Mass.	Springfield
Paul Skeels Peirce, PH.B. } Cornell University 1897 }	Ithaca, N. Y.	22 Whalley av.
Charles Adams Peters, B.S. } Boston University 1897 }	Worcester, Mass.	74 Lake pl.
William Kinney Pike, PH.B. } Yale University 1897 }	South Killingly, Conn.	A.
Miles Albion Pond, PH.B. } Yale University 1892 }	Torrington, Conn.	57 Grove st.
John Rush Powell, B.A. } Yale University 1897 }	Waco, Texas	121 York st.
Alexander Pratt, Jr., B.A. } Trinity College 1898 }	Bridgeport, Conn.	Bridgeport
Walter Franklin Prince, B.A. } Yale University 1896 }	Detroit, Me.	296 Columbus av.
Charles Theodore Ramsden, PH.B. } Yale University 1896 }	Santiago de Cuba, Cuba	A.
Frederick Archer Raymond, PH.B. } Yale University 1896 }	Norwalk, Conn.	196 Grove st.
Albert Sidney Reid, B.A. } Drake University 1896 }	New Haven, Conn.	112 Olive st.
Chauncey Brewster Rice, PH.B. } Yale University 1894 }	New Haven, Conn.	56 N. S. H.
Alfred Ernest Richards, B.A. } Yale University 1898 }	Hartford, Conn.	90 Whalley av.
Ernest Gladstone Richardson, B.A. } Dickinson College 1896 }	Wallingford, Conn.	Wallingford
Frederick Oscar Robbins, B.A. } Yale University 1896 }	Greenville, N. H.	227 Sherman av.
Ernest Lauren Robinson, B.A. } Yale University 1894 }	Cheshire, Conn.	A.
Evelina Sophia Robinson, B.A. } Granville Female College 1874 }	Granville, O.	183 Lawrence st.
James Francis Chalfant Robinson, B.L. } University of Cincinnati 1893 }	Cincinnati, O.	94 Lake pl.
Maurice Henry Robinson, B.L. } Dartmouth College 1890, M.A. Dartmouth College 1897 }	Madelia, Minn.	525 Winthrop av.
Edith Antoinette Rockwell, B.L. } Smith College 1896 }	New Haven, Conn.	281 Crown st.
Robert Kilburn Root, B.A. } Yale University 1898 }	New Haven, Conn.	58 Grove st.
Louis Barcroft Runk, B.A. } Yale University 1893 }	Philadelphia, Pa.	A.
William Nelson Runyon, B.A. } Yale University 1897 }	Plainfield, N. J.	A.

Teinosuke Sakata, Doshisha University, Japan, 1892, M.A. Yale University 1897	}	<i>Kyoto, Japan</i>	99 Howe st.
Charles Edward Sargent, M.A. Bates College 1883		<i>New Haven, Conn.</i>	187 Lawrence st.
Myron Tracy Scudder, B.A. Rutgers College 1882	}	<i>New Haven, Conn.</i>	156 Humphrey st.
William Edward Selin, B.A. Yale University 1898		<i>Chicago, Ill.</i>	63 W. D.
George Tucker Sellew, M.A. University of Rochester 1889, Ph.D. Yale University 1898	}	<i>New Haven, Conn.</i>	4 Lake pl.
Mark Edgar Sentelle, B.A. Davidson College 1894, M.A. Davidson College 1897		<i>Hermon, Tenn.</i>	73 Lake pl.
Horace Emerson Setchell, Ph.B. Yale University 1897	}	<i>New Haven, Conn.</i>	216 English st.
William Kent Shepard, Ph.B. Yale University 1897		<i>New Haven, Conn.</i>	48 N. S. H.
Susan Smith Sheridan, B.A. University of Omaha 1897	}	<i>New Haven, Conn.</i>	519 Orange st.
Oliver Taylor Sherwood, B.A. Yale University 1884		<i>Southport, Conn.</i>	Southport
Chohei Shirasu, Doshisha University, Japan, 1893	}	<i>Kobe, Japan</i>	1494 Chapel st.
Elmer Ellsworth Shoemaker, B.A. Harvard University 1889		<i>Glenburn, Pa.</i>	215 Edgewood av.
Herbert Augustine Smith, Ph.D. Yale University 1897	}	<i>New Haven, Conn.</i>	4 Mansfield st.
Chester Stone Spencer, Ph.B. Yale University 1894		<i>Guilford, Conn.</i>	A.
Frederick Clarence Spencer, Ph.B. Yale University 1893	}	<i>Old Saybrook, Conn.</i>	58 N. S. H.
Frederick Noyes Sperry, M.D. Yale University 1894		<i>New Haven, Conn.</i>	76 Wooster st.
Samuel Hamilton Spragins, B.A. Johns Hopkins University 1897	}	<i>Baltimore, Md.</i>	373 Crown st.
Alfred Hall Stevens, Ph.B. Yale University 1893		<i>Clinton, Conn.</i>	A.
Charles Emerson Stone, Ph.B. Yale University 1889	}	<i>Andover, Mass.</i>	A.
Wendell Melville Strong, M.A. Cornell University 1894, Ph.D. Yale University 1898		<i>Montclair, N. J.</i>	307 W.
Samuel Cryder Sturgis, B.A. South Carolina College 1885	}	<i>Fair Forest, S. C.</i>	1090 Chapel st.
Margaret Sweeney		<i>Boston, Mass.</i>	415 George st.
John Trumbull Swift, B.A. Yale University 1884	}	<i>Colchester, Conn.</i>	107 W. D.

Emerson Gifford Taylor, B.A. } Yale University 1895	Hartford, Conn.	Hartford
Robert Longley Taylor, B.A. } Hamilton College 1882	New Haven, Conn.	67 Mansfield st.
William James Taylor, B.A. } University of Nebraska 1891, M.A. University of Nebraska	New Haven, Conn.	219 Columbus av.
Wilmot Haines Thompson, B.A. } Yale University 1898	New Haven, Conn.	37 Beers st.
Edward Montclair Tillinghast, B.A. } Yale University 1888	New Haven, Conn.	364 Mansfield st.
John Quillin Tilson, B.A. } Yale University 1891, M.L. Yale University 1894	Clear Branch, Tenn.	550 P.
William Valentine, PH.B. } Yale University 1897	New York City	162 S. L.
Joseph King VanDenburg, B.A. } Wesleyan University 1895, M.A. Wesleyan University 1898	Fort Edward, N. Y.	78 Lake pl.
Cornelius Vanderbilt, Jr., B.A. } Yale University 1895, PH.B. Yale University 1898	New York City	A.
Robert Pierce Walker, B.A. } Maryville College 1894	Maryville, Tenn.	47 Lake pl.
Arthur Gillender Walter, B.A. } Yale University 1896	New Haven, Conn.	267 Portsea st.
Lulu Ware, B.S. } Nat'l. Normal Univ. 1893	Eaton, O.	47 York sq.
John Dorrance Warnock, B.A. } Yale University 1893	Cheshire, Conn.	Cheshire
Charles Hyde Warren, PH.B. } Yale University 1896	Watertown, Conn.	57 N. S. H.
Ulysses Grant Warren, PH.B. } Syracuse University 1896	Rancocas, N. J.	41 E. D.
Charles Heald Weller, B.A. } Yale University 1895	New Haven, Conn.	17 Parmelee av.
Mary Crowell Welles, B.A. } Smith College 1883	Newington, Conn.	33 Wall st.
Chauncey Wetmore Wells, B.A. } Yale University 1896	Middletown, Conn.	203 Lawrence st.
Jacob Westlund, PH.D. } Yale University 1898	Lindsborg, Kan.	218 Mansfield st.
Edward Moffat Weyer, B.A. } Yale University 1895, PH.D. Univ. Leipsic 1898	St. Louis, Mo.	75 Broadway
Alexander Wheeler, B.A. } Yale University 1897	Bridgeport, Conn.	Bridgeport
Lynde Phelps Wheeler, PH.B. } Yale University 1894	New Haven, Conn.	333 York st.

William Arthur Whitcomb, PH.B. } Yale University 1895	<i>Glens Falls, N. Y.</i>	A.
Charles Huntington Whitman, B.A. } Colby University 1897	<i>Bangor, Me.</i>	139 Dwight st.
John Whitmore, PH.D. } Yale University 1892	<i>New Haven, Conn.</i>	147 Bradley st.
Josiah Dwight Whitney, B.A. } Yale University 1898	<i>Beloit, Wisc.</i>	333 York st.
Marian Parker Whitney	<i>New Haven, Conn.</i>	227 Church st.
George Reber Wieland, B.S. } Pennsylvania State College 1893	<i>Chester, Pa.</i>	58 Mansfield st.
Meyer Wolodarsky, PH.B. } Yale University 1894	<i>New Haven, Conn.</i>	255 Columbus av.
Ruth Goulding Wood, B.L. } Smith College 1898	<i>Pawtucket, R. I.</i>	144 Greene st.
Alice Lincoln Wright, B.A. } Wellesley College 1897	<i>New Haven, Conn.</i>	128 York st.
Henry Burt Wright, B.A. } Yale University 1898	<i>New Haven, Conn.</i>	Dwight Hall
Minosuke Yamaguchi, B.A. } Lombard University 1897	<i>Kurume, Japan</i>	73 Lake pl.
Seichi Yamaguchi, } Doshisha University, Japan, 1896	<i>Kyoto, Japan</i>	115 Elm st.
Yochi Yamaguchi, } Doshisha University, Japan, 1896	<i>Kyoto, Japan</i>	244 Orchard st.
Masajiro Yokoyama, } Doshisha University, Japan, 1896	<i>Okayama, Japan</i>	123 Park st.

# ACADEMICAL DEPARTMENT (YALE COLLEGE)

## SENIOR CLASS

Charles Westley Abbott	<i>Plainfield, N. J.</i>	344 WH.
John Brown Adams	<i>New York City</i>	341 WH.
Mason Tyler Adams	<i>Amherst, Mass.</i>	178 LYC.
Robert Campbell Adams	<i>Brooklyn, N. Y.</i>	9 V.
Sullivan Dorr Ames	<i>Providence, R. I.</i>	294 W.
Robbins Battell Anderson	<i>Duluth, Minn.</i>	375 WH.
Henry Cotheal Andrews	<i>Fishkill, N. Y.</i>	119 N.
Lorenzo Dibble Armstrong	<i>New York City</i>	28 V.
Albert Headley Atha	<i>Newark, N. J.</i>	4 V.
Edgar Atkin	<i>New York City</i>	126 High st.
George Edwin Atwood	<i>Norfolk, Conn.</i>	156 F.
George Philip Baker	<i>Union Hill, N. Y.</i>	89 S. M.
DeForest Baldwin	<i>New Haven, Conn.</i>	414 B.
Merwin Bolton Bangs	<i>New York City</i>	201 D.
William Augustus Barstow	<i>East Orange, N. J.</i>	66 V.
Charles Griswold Bartlett, Jr.	<i>Black Hall, Conn.</i>	178 LYC.
Luther Louis Beard	<i>Springfield, O.</i>	146 F.
Elmer Ellsworth Beeck	<i>New York City</i>	357 WH.
Charles Augustus Belin	<i>Scranton, Pa.</i>	349 WH.
Walter Frederic Bart Berger	<i>Denver, Col.</i>	33 V.
Coburn Dewees Berry, Jr.	<i>Nashville, Tenn.</i>	49 V.
John Bicknell	<i>W. Cummington, Mass.</i>	77 S. M.
Hugh Moffat Bissell	<i>Detroit, Mich.</i>	20 V.
Edward Baldwin Boise	<i>Grand Rapids, Mich.</i>	201 D.
John Harvey Borden	<i>Brooklyn, N. Y.</i>	285 W.
Henry Thornton Bowles	<i>New York City</i>	178 LYC.
John Boyce	<i>Schodack Landing, N. Y.</i>	100 N.
Samuel Gale Boyce	<i>Schodack Landing, N. Y.</i>	100 N.
David Milton Boyd	<i>St. Louis, Mo.</i>	297 W.
Nicholas Frederic Brady	<i>Albany, N. Y.</i>	28 V.
Charles Asahel Brayton, Jr.	<i>Cleveland, O.</i>	378 WH.
Frederick Hiester Brooke	<i>Birdsboro, Pa.</i>	178 LYC.
Samuel Pearson Brooke	<i>Mt. Tabor, Oregon</i>	85 S. M.
Alfred Jerome Brown	<i>New York City</i>	299 W.
Jamot Brown	<i>Chicago, Ill.</i>	29 V.
Oliver Sarson Bryant	<i>Cincinnati, O.</i>	167 F.
Robert Zimmerman Buchwalter	<i>Cincinnati, O.</i>	352 WH.

Scovill McLean Buckingham	<i>Watertown, Conn.</i>	34 v.
Joseph Edmund Bulkley	<i>New York City</i>	288 w.
Norman Macleod Burrell	<i>New York City</i>	332 WH.
Charles Heald Burtis	<i>Orange, N. J.</i>	52 v.
Hugh Andrew Callahan	<i>Chicago, Ill.</i>	348 WH.
John Stark Cameron, Jr.	<i>Salt Lake City, Utah</i>	3 v.
John Perlin Camp	<i>Newington, Conn.</i>	124 N.
Edward Thomas Canfield	<i>Thomaston, Conn.</i>	218 D.
Roger I. Capen	<i>Cincinnati, O.</i>	218 D.
Guy Mortimer Carleton	<i>Hartford, Conn.</i>	247 L.
John Dolph Carson	<i>Portland, Oregon</i>	355 WH.
Henry Wick Chambers	<i>Cleveland, O.</i>	322 w.
George Shepard Chappell	<i>New London, Conn.</i>	20 v.
Harold Clark Cheney	<i>New Haven, Conn.</i>	45 Elm st.
Charles Frederick Childs	<i>Brattleboro, Vt.</i>	6 v.
John Kirkland Clark	<i>Brooklyn, N. Y.</i>	249 L.
Gerhard Hutchison Cocks	<i>Brooklyn, N. Y.</i>	379 WH.
John Watt Coddington, B.A. } Western Coll. (Iowa) 1898 }	<i>Princeton, Ill.</i>	122 N.
Clarence Eugene Coffin	<i>Indianapolis, Ind.</i>	64 v.
Ledyard Cogswell, Jr.	<i>Albany, N. Y.</i>	353 WH.
Richard Mumford Coit	<i>Brooklyn, N. Y.</i>	342 WH.
Harry Clifford Colwell	<i>Kittanning, Pa.</i>	327 w.
Charles Horace Conner, Jr.	<i>New Albany, Ind.</i>	347 WH.
William Boudinot Conner	<i>New Albany, Ind.</i>	347 WH.
William Eglin Curtiss	<i>Cleveland, O.</i>	36 v.
William Doran Cushman	<i>Buffalo, N. Y.</i>	348 WH.
William Dick Cutter	<i>Brooklyn, N. Y.</i>	109 N.
Robert Darling	<i>Brooklyn, N. Y.</i>	344 WH.
Charles Leroy Darlington	<i>Xenia, O.</i>	14 v.
George Dautel	<i>Cleveland, O.</i>	43 v.
William Enright Davenport	<i>Bridgeport, Conn.</i>	144 F.
Frederick Martin Davies	<i>New York City</i>	46 v.
Arthur Wendell Davis	<i>Hartford, Conn.</i>	61 v.
Dwight Huntington Day	<i>Indianapolis, Ind.</i>	18 v.
Henry Ray Dennis	<i>New York City</i>	377 WH.
Harry Manford Dewey	<i>Oncida, N. Y.</i>	298 w.
Clarence Phelps Dodge	<i>New York City</i>	181 L.Y.C.
Murray Witherbee Dodge	<i>New York City</i>	30 v.
John Victor Doniphan, Jr.	<i>Brooklyn, N. Y.</i>	285 w.
Charles Francis Doyle, Jr.	<i>Cohoes, N. Y.</i>	348 WH.
Alfred Yartan Dubuque	<i>Albany, N. Y.</i>	394 B.
Leonidas John Durbin	<i>Williamstown, Pa.</i>	6 v.
Milo Day Eames	<i>Buffalo, N. Y.</i>	315 w.



John Crouse Entrekin, Jr.	<i>Chillicothe, O.</i>	60 v.
Berne Holbrook Evans	<i>Pittsburg, Pa.</i>	346 WH.
John Lewis Evans	<i>Haverford, Pa.</i>	332 WH.
Willard Ernest Everett	<i>Lowell, Mass.</i>	246 L.
Charles Maitland Fair	<i>Chicago, Ill.</i>	62 v.
Frederick Bliss Fallon	<i>Bridgeport, Conn.</i>	144 F.
Joseph Allen Farley	<i>Rochester, N. Y.</i>	339 WH.
Thomas Wells Farnam	<i>New Haven, Conn.</i>	331 WH.
Horace Jewell Fenton	<i>Willimantic, Conn.</i>	124 N.
George Willis Field	<i>Worcester, Mass.</i>	109 N.
William Henry Field	<i>Rutland, Vt.</i>	341 WH.
John Francis Flynn	<i>Meriden, Conn.</i>	128 N.
Richard Earp Forrest	<i>Philadelphia, Pa.</i>	32 v.
Charles Root Fowler	<i>New Haven, Conn.</i>	156 F.
Frank Joseph Franey	<i>New Haven, Conn.</i>	106 Asylum st.
Charles Royall Frazer	<i>Cynthiana, Ky.</i>	304 W.
Lucius Pomeroy Fuller	<i>Willimantic, Conn.</i>	393 B.
Arthur Sullivan Gale	<i>Jacksonville, Fla.</i>	250 L.
Marvin Hayes Gates	<i>Kansas City, Mo.</i>	320 W.
Stewart Gilman	<i>Sioux City, Iowa</i>	60 v.
Samuel Anderson Gilmore	<i>Uniontown, Pa.</i>	236 D.
John Leo Gilson	<i>New Haven, Conn.</i>	98 N.
Malcolm Glendinning	<i>Salt Lake City, Utah</i>	155 Elm st.
Anson Conger Goodyear	<i>Buffalo, N. Y.</i>	17 v.
Frederick Augustus Gorham, Jr.	<i>Grand Rapids, Mich.</i>	295 W.
George Dana Graves	<i>Manchester, N. H.</i>	147 F.
Charles Abbott Greene	<i>Fairport, N. Y.</i>	98 N.
Joseph Warren Greene, Jr.	<i>Brooklyn, N. Y.</i>	126 N.
William Edward Schenck Griswold	<i>Erie, Pa.</i>	178 LYC.
Morris Groves	<i>New York City</i>	22 v.
Harry Randolph Guggenheimer	<i>New York City</i>	1044 Chapel st.
Keith Osmond Guthrie	<i>Albany, N. Y.</i>	376 WH.
Alfred Bates Hall	<i>Chester, Conn.</i>	379 WH.
Francis Jenks Hall	<i>Brookville, Pa.</i>	250 L.
Arthur Sears Hamlin	<i>Canandaigua, N. Y.</i>	356 WH.
William Stitt Hannon	<i>Cleveland, O.</i>	157 York st.
Mervin Clark Harvey	<i>Cleveland, O.</i>	378 WH.
Charles Montgomery Hathaway, Jr.	<i>Olyphant, Pa.</i>	105 N.
John Dunham Hawes	<i>Chicago, Ill.</i>	50 v.
Samuel Mills Hawley	<i>Bridgeport, Conn.</i>	331 WH.
Charles Edward Hay, Jr.	<i>Springfield, Ill.</i>	388 B.
Fred. Charles Hecker	<i>Noroton, Conn.</i>	232 D.
George Edward Hecker	<i>Noroton, Conn.</i>	232 D.
Isham Henderson	<i>Louisville, Ky.</i>	101 N.

James Poland Henry	Cincinnati, O.	
Charles Jonathan Herrick	Albany, N. Y.	352 WH.
Thomas Denison Hewitt	Brooklyn, N. Y.	44 V.
William Edwin Hilliard	New Haven, Conn.	358 WH.
Edward Foote Hinkle	Ashland, Wisc.	59 Lake pl.
William Churchill Hodge, Jr.	Buffalo, N. Y.	32 V.
Melvin Tilden Holbrook	Sharon, Mass.	340 WH.
Nelson Clarke Holland	Buffalo, N. Y.	113 N.
Henry Hutchinson Hollister, Jr.	New York City	340 WH.
Stuart Holt	New York City	30 V.
Donald Russell Hooker	New Haven, Conn.	402 B.
Richard Hooker	New Haven, Conn.	350 WH.
Thomas Attwood Horton	Albany, N. Y.	353 WH.
Frederick Hotze	New York City	370 WH.
George William Humphreys	Cohoes, N. Y.	147 F.
George Pelton Hutchins	Brooklyn, N. Y.	113 N.
Arthur Howard Hutchinson, B.A. }	Seattle, Wash.	228 D.
Univ. of Washington 1897 }		47 Lake pl.
William Steadling Johnson, Jr.	East Orange, N. J.	66 V.
Arthur Edgar Jones, Jr.	Denver, Col.	89 S. M.
Ellis Oliver Jones, Jr.	Columbus, O.	298 W.
Clay Eugene Jordan	St. Louis, Mo.	117 Park st.
Charles Edward Julin	Chicago, Ill.	410 B.
Thomas Kearny	New York City	1076 Chapel st.
Robert Henry Keener	St. Joseph, Mo.	103 N.
William Roderick Kelley	Chicago, Ill.	62 V.
MacIntosh Kellogg	New York City	58 V.
George Angelo Kernan	Utica, N. Y.	322 W.
Fred Alonzo King	Portland, Me.	381 WH.
Harry Davis Kingsbury	New Haven, Conn.	300 W.
Albert Hezekiah Kirtland	Chester, Conn.	134 College st.
Joseph Harvey Kitchen	Cleveland, O.	1 376 WH.
Samuel Preston Knight	Middletown, N. Y.	41 221 D.
William DeLancey Kountze	New York City	61 46 V.
Victor Alexander Kowalewski	New Haven, Conn.	86 Second st.
Charles Tressler Lark, B.A. }	Millersburg, Pa.	62 Lake w. 2 pl.
Pennsylvania Coll. 1898 }		
Thomas Fisher Lawrence	Hartford, Conn.	1076 Chapel st.
Ebenezer Learned	Norwich, Conn.	222 V. D.
Teng Hwee Lee	Batavia, Java	70 Edgewood av.
Walter Clark Lee	Oxford, N. Y.	236 1st st.
Russell Cornell Leffingwell	Yonkers, N. Y.	49 V.
Andrew Albright Leiser, Jr., B.A. }	Lewisburg, Pa.	370 W. 1.
Bucknell Univ. 1898 }		

Charles Philip Leonard	<i>Niantic, Conn.</i>	88 s. m.
Frederick Morton Leonard	<i>Brooklyn, N. Y.</i>	1044 Chapel st.
Othniel Bliem Lessig	<i>Pottstown, Pa.</i>	13 v.
Edwin Tuttle Lewis	<i>Brooklyn, N. Y.</i>	228 D.
Everson Howard Lewis	<i>Syracuse, N. Y.</i>	56 v.
Oswald Lockett, Jr.	<i>Chicago, Ill.</i>	45 v.
Robert Payson Loomis	<i>Brooklyn, N. Y.</i>	354 WH.
Arthur Wayland Lovell	<i>New Haven, Conn.</i>	30 Grove st.
Alfred Richard Lowrie	<i>Elgin, Ill.</i>	222 D.
Leo Augustus Lynch	<i>Olyphant, Pa.</i>	71 W. D.
Alexander Joseph McCarthy	<i>Chicago, Ill.</i>	306 W.
Thomas Skinker Maffitt	<i>St. Louis, Mo.</i>	42 v.
James McDevitt Magee	<i>Pittsburg, Pa.</i>	33 v.
Arthur Sitgreaves Mann	<i>Buffalo, N. Y.</i>	342 WH.
Arthur Matthias Marty	<i>Kansas City, Mo.</i>	320 W.
Alexander Burr Marvin	<i>New Rochelle, N. Y.</i>	358 WH.
Huntington Mason	<i>Chicago, Ill.</i>	178 LYC.
Albert Joseph Mayer	<i>New Orleans, La.</i>	13 v.
Ballinger Mills	<i>Galveston, Tex.</i>	69 v.
George Henry Mitchell	<i>New York City</i>	337 WH.
George Samuel Mittendorf	<i>New York City</i>	291 W.
Norton Thayer Montague	<i>Chattanooga, Tenn.</i>	349 WH.
Benjamin Burges Moore	<i>New York City</i>	303 W.
Edward Colman Moore	<i>Moline, Ill.</i>	306 W.
Joseph Harrison Morey	<i>Buffalo, N. Y.</i>	340 WH.
Herbert Morean Morgan	<i>St. Louis, Mo.</i>	295 W.
Frederick Hitchcock Morley	<i>Colorado Springs, Col.</i>	40 v.
Henry Killam Murphy	<i>New Haven, Conn.</i>	85 Sachem st.
William Bigelow Neergaard	<i>Brooklyn, N. Y.</i>	405 B.
William Barrett Neville	<i>Scranton, Pa.</i>	105 N.
Henry James Nichols	<i>Binghamton, N. Y.</i>	248 L.
Edward Theodore Noble	<i>Wichita, Kan.</i>	64 v.
Hibbard Richard Norman, 2d	<i>Shewville, Conn.</i>	88 s. m.
John Pease Norton	<i>Los Angeles, Cal.</i>	248 L.
Winchester Noyes	<i>Brooklyn, N. Y.</i>	249 L.
Howard Laurence O'Fallon	<i>St. Louis, Mo.</i>	24 v.
George Sturges Oliver	<i>Pittsburg, Pa.</i>	346 WH.
Colman Stuart O'Loughlin	<i>Glens Falls, N. Y.</i>	9 v.
Harrison Grey Otis	<i>Cleveland, O.</i>	65 v.
Loring Bradford Packard	<i>Sharon, Mass.</i>	360 WH.
Holkins Palmer	<i>Summit, N. J.</i>	316 W.
Joseph Coolidge Palmer	<i>Syracuse, N. Y.</i>	17 v.
Francis Robert Parks	<i>Westfield, Mass.</i>	34 v.
Edward Spencer Parmelee	<i>New Haven, Conn.</i>	294 W.

Wilber Smith Peck, Jr.	<i>Syracuse, N. Y.</i>	296 w.
Edwin Starr Pickett	<i>New Haven, Conn.</i>	140 Sylvan av.
Howard Platt	<i>Poughkeepsie, N. Y.</i>	297 w.
Omar William Platt	<i>Milford, Conn.</i>	101 N.
Joseph Scovil Porter	<i>New Haven, Conn.</i>	293 w.
Philip Sheridan Potter	<i>North Adams, Mass.</i>	338 WH.
Charles Alonzo Powers	<i>Cleveland, O.</i>	36 v.
Ord Preston	<i>Englewood, N. J.</i>	178 LVC.
Ernest Shurly Rastall	<i>Chicago, Ill.</i>	107 N.
John Arthur Ray, B.A. } Baylor Univ. 1898 }	<i>Bailey, Tex.</i>	120 N.
Ossian Ray, Jr.	<i>Lancaster, N. H.</i>	311 w.
John Reid, Jr.	<i>Yonkers, N. Y.</i>	67 v.
Frank Ridgely Rhodes	<i>St. Paul, Minn.</i>	391 B.
Walter Bright Rile	<i>Wilmington, Del.</i>	236 D.
Howard Chandler Robbins	<i>Springfield, Mass.</i>	375 WH.
Wallace Stuart Roberts	<i>Fairport, N. Y.</i>	A.
Elmer Wallace Robinson	<i>Meriden, Conn.</i>	Meriden
William Hervy Rood	<i>Brookfield, Vt.</i>	104 N.
Samuel Woodson Sawyer	<i>Independence, Mo.</i>	3 v.
Louis Henry Schutte	<i>Chicago, Ill.</i>	121 York st.
Marvyn Scudder	<i>New York City</i>	27 v.
John Buss Seymour	<i>Bennington, Vt.</i>	119 N.
Harry Shaw	<i>Whitinsville, Mass.</i>	409 B.
Henry Robinson Shipman	<i>Hartford, Conn.</i>	258 L.
Cyrus Spottswood Shippen	<i>Southampton, N. Y.</i>	1016 Chapel st.
Frank Erdman Simmons	<i>Chicago, Ill.</i>	107 N.
Edmund Pillsbury Smiley	<i>Chicago, Ill.</i>	338 WH.
Alfred Cox Smith	<i>Clinton, Iowa</i>	48 v.
Barry Congar Smith	<i>East Orange, N. J.</i>	108 N.
Ernest Stanley Smith	<i>East Orange, N. J.</i>	108 N.
George Henry Smith	<i>Knoxville, Tenn.</i>	247 L.
Solomon Albert Smith	<i>Chicago, Ill.</i>	68 v.
Walter Byron Smith	<i>Chicago, Ill.</i>	68 v.
William Chapman Spelman, Jr.	<i>Brooklyn, N. Y.</i>	126 N.
Thomas Henry Spence	<i>Milwaukee, Wisc.</i>	293 w.
Carl Bovee Spitzer	<i>Toledo, O.</i>	25 v.
Constantine Demeter Stephanoff	<i>Bansko, Macedonia</i>	1044 Chapel st.
Walter Thomas Stern	<i>New York City</i>	302 w.
William Kerfoot Stewart	<i>Indianapolis, Ind.</i>	56 v.
Louis Ezekiel Stoddard	<i>New Haven, Conn.</i>	61 v.
Sanford Stoddard	<i>Bridgeport, Conn.</i>	316 w.
Richard Udall Strong	<i>New Brunswick, N. J.</i>	242 York st.
Carroll Fuller Sweet	<i>Grand Rapids, Mich.</i>	295 w.

Charles Rufus Swift, Jr.	<i>West Hartford, Conn.</i>	246 L.
Henry Bruce Teller	<i>Central City, Col.</i>	104 N.
Edward Thomas	<i>Thomaston, Conn.</i>	217 D.
Clarence Elmore Thompson, Jr.	<i>West Haven, Conn.</i>	217 D.
Chauncey Brewster Tinker	<i>Denver, Col.</i>	414 B.
Henry Hunt Tomkins, Jr.	<i>Denver, Col.</i>	67 V.
William Jessup Torrey	<i>Scranton, Pa.</i>	354 WH.
Edward Andrew Tracy	<i>Island Pond, Vt.</i>	128 N.
Edmund Quincy Trowbridge	<i>New Haven, Conn.</i>	21 V.
Ernest Truslow	<i>Summit, N. J.</i>	284 W.
Lester Ferris Turney	<i>Derby, Conn.</i>	Derby
Laurance Tweedy	<i>Danbury, Conn.</i>	69 V.
Edward Clark Upton	<i>Chicago, Ill.</i>	4 V.
Alfred Gwynne Vanderbilt	<i>New York City</i>	31 V.
Ralph Gibbs VanName	<i>New Haven, Conn.</i>	350 WH.
Frederick Dale Vincent	<i>Ashley, Pa.</i>	97 N.
John Armstrong Wade	<i>Brooklyn, N. Y.</i>	237 York st.
Charles Philip Wagner	<i>Putnam, Conn.</i>	146 F.
George Lincoln Wakefield	<i>Wakefield, Mass.</i>	336 WH.
Curtis Howe Walker	<i>West Haven, Conn.</i>	381 WH.
Harry Brookings Wallace	<i>St. Louis, Mo.</i>	29 V.
William Godfrey Wallace	<i>Rochester, N. Y.</i>	97 N.
Charles Fry Ward, B.A. } Western Coll. (Iowa) 1898 }	<i>Odon, Ind.</i>	122 N.
George Liggett Ward	<i>Lawrence, Mass.</i>	336 WH.
Ezra Joseph Warner, Jr.	<i>Lake Forest, Ill.</i>	27 V.
Horace Byron Warner	<i>Penfield, N. Y.</i>	103 N.
Allan Warren	<i>Rockford, Ill.</i>	50 V.
Eliot Watrous	<i>New Haven, Conn.</i>	356 WH.
Moses Alford Watterson	<i>Cleveland, O.</i>	43 V.
Arthur Fitch Way	<i>Westfield, Mass.</i>	355 WH.
Joseph Walker Wear	<i>St. Louis, Mo.</i>	24 V.
Frederick Webster	<i>Galveston, Tex.</i>	103 N.
Charles Hopkins Welles, Jr.	<i>Scranton, Pa.</i>	178 LYC.
Guy Wellman	<i>Friendship, N. Y.</i>	42 V.
Walter Hart West	<i>St. Louis, Mo.</i>	65 V.
Frederick Willoughby Weston	<i>New York City</i>	337 WH.
William Mersereau Wheeler	<i>Portville, N. Y.</i>	339 WH.
Roger Sherman White, 2d	<i>New Haven, Conn.</i>	210 St. Ronan st.
William Fitz-Hugh Whitehouse, Jr.	<i>New York City</i>	31 V.
Isaac Newton Wyckoff Wilson	<i>Albany, N. Y.</i>	389 B.
James Eldredge Wilson	<i>Chicago, Ill.</i>	45 V.
Robert Rissler Wilson	<i>Cincinnati, O.</i>	291 W.
Edward Seymour Woodruff	<i>New York City</i>	397 B.

Thew Wright	<i>Buffalo, N. Y.</i>	21 v.
Edward Esher Yaggy	<i>Lake Forest, Ill.</i>	25 v.
Henry Bingham Bartlett Yergason	<i>Cincinnati, O.</i>	391 B.
Henry McClure Young	<i>St. Louis, Mo.</i>	380 WH.
Truman Post Young	<i>St. Louis, Mo.</i>	380 WH.

SENIORS, 300

## JUNIOR CLASS

Benjamin Stearns Adams	<i>Spencer, Iowa</i>	203 D.
Frederick Baldwin Adams	<i>Toledo, O.</i>	16 V.
James Pinckney Adams	<i>Orange, N. J.</i>	325 W.
Walter Maxwell Adriance	<i>Cincinnati, O.</i>	112 N.
Earle Alexander	<i>Elizabeth, N. J.</i>	5 V.
Frederic Winthrop Allen	<i>Walpole, Mass.</i>	121 N.
Edwin Carlos Andrews	<i>Penn Yan, N. Y.</i>	205 D.
Robert Lawrence Anthony	<i>Providence, R. I.</i>	373 WH.
Harold Sears Arnold	<i>New Haven, Conn.</i>	321 W.
Frank Marion Atterholt, Jr.	<i>Akron, O.</i>	368 WH.
William Holt Averell, Jr.	<i>Rochester, N. Y.</i>	262 L.
Harry Woodruff Babcock	<i>Stonington, Conn.</i>	55 V.
John Harry Bailey	<i>New Haven, Conn.</i>	226 Commerce st.
Alanson Judson Baker	<i>Gloversville, N. Y.</i>	11 V.
George Merrick Baker	<i>Hartford, Conn.</i>	125 N.
Roscoe Chase Baker	<i>Billerica, Mass.</i>	230 D.
Lucius Barnes Barbour	<i>Hartford, Conn.</i>	22 College st.
Norman Bardeen	<i>Syracuse, N. Y.</i>	283 W.
James Whitney Barney	<i>New York City</i>	37 V.
Albert Munger Barrell	<i>Chicago, Ill.</i>	22 College st.
George Hiram Bartholomew	<i>New Haven, Conn.</i>	225 Sherman av.
William Chipp Bartholomew	<i>New Haven, Conn.</i>	225 Sherman av.
Norman Williams Bartlett	<i>Evanston, Ill.</i>	209 D.
Stephen Russell Bartlett	<i>Hartford, Conn.</i>	216 D.
Frederick Pomeroy Bassett	<i>Cincinnati, O.</i>	369 WH.
Ernest Turrell Bauer	<i>Easton, Conn.</i>	125 N.
Harry Judson Beardsley	<i>N. Woodbury, Conn.</i>	41 Howe st.
Allister McDonald Bell	<i>Orange, N. J.</i>	328 W.
Cogswell Bentley	<i>Rochester, N. Y.</i>	268 L.
Edward Houston Bindley	<i>Pittsburg, Pa.</i>	253 L.
Hugh Taylor Birch, Jr.	<i>Chicago, Ill.</i>	335 WH.
Howard Bissell	<i>Buffalo, N. Y.</i>	557 P.
Frederick Arthur Blount	<i>Newport, Vt.</i>	76 s. m.
Howard Boocock	<i>Brooklyn, N. Y.</i>	22 College st.
Edward Green Bradford, Jr.	<i>Wilmington, Del.</i>	22 College st.
Morgan Bulkeley Brainard	<i>Hartford, Conn.</i>	22 College st.
Charles Edward Brinley	<i>Philadelphia, Pa.</i>	329 W.
Sidney Gray Bristol	<i>Battle Creek, Mich.</i>	116 N.
John Penn Brock	<i>Lebanon, Pa.</i>	22 College st.
Clarence Whittlesey Bronson	<i>New Haven, Conn.</i>	106 N.
Ezekiel Stoddard Bronson	<i>New Haven, Conn.</i>	22 College st.

Howard Logan Bronson	<i>New Haven, Conn.</i>	106 N.
Charles Stephen Brooks	<i>Cleveland, O.</i>	250 Crown st.
Kenneth Bruce	<i>Brooklyn, N. Y.</i>	148 F.
Jerome Herman Buck	<i>Albany, N. Y.</i>	145 F.
Winthrop Buck	<i>Wethersfield, Conn.</i>	269 L.
Kenneth Lovejoy Burns	<i>Seattle, Wash.</i>	93 S. M.
John Roberts Bushong	<i>Reading, Pa.</i>	1044 Chapel st.
Albert Norton Butler	<i>Meriden, Conn.</i>	210 D.
Samuel Granger Camp	<i>Canaan, Conn.</i>	215 D.
Stuart Brown Camp	<i>West Winsted, Conn.</i>	318 W.
John Herbert Campbell	<i>Orange, N. J.</i>	159 Elm st.
Shiras Campbell	<i>Elizabeth, N. J.</i>	22 College st.
Charles Pond Capen	<i>St. Louis, Mo.</i>	308 W.
Robert Davis Carey	<i>Cheyenne, Wyoming</i>	229 D.
Franklin Carter, Jr.	<i>Williamstown, Mass.</i>	26 V.
Charles Andrews Carver	<i>Chicago, Ill.</i>	114 High st.
DeWitt Bellinger Casler	<i>Little Falls, N. Y.</i>	206 D.
Donald Chappell	<i>New London, Conn.</i>	212 D.
Frank Dexter Cheney	<i>S. Manchester, Conn.</i>	15 V.
Walter Lyon Chittenden	<i>Binghamton, N. Y.</i>	254 L.
John Werden Clark	<i>Old Saybrook, Conn.</i>	164 F.
Thomas Benedict Clarke, Jr.	<i>New York City</i>	239 D.
William Rockwell Clarke	<i>Kansas City, Mo.</i>	250 Crown st.
Arthur Wilfred Clement	<i>Brooklyn, N. Y.</i>	51 V.
William Sloane Coffin	<i>New York City</i>	63 V.
George Musalas Colvocoresses	<i>Litchfield, Conn.</i>	555 P.
Edwin Congdon, Jr.	<i>Clarendon, Vt.</i>	81 S. M.
Norman George Conner	<i>Marshallton, Pa.</i>	144 Park st.
Frank Cummings Cook	<i>Waterbury, Conn.</i>	134 F.
Louis Aldrich Cook	<i>South Weymouth, Mass.</i>	280 L.
Foster Crampton	<i>Brooklyn, N. Y.</i>	262 L.
Zenas Marshall Crane	<i>Dalton, Mass.</i>	309 W.
Chauncey Morris Crawford	<i>Orwego, N. Y.</i>	116 N.
Frank Taylor Crawford	<i>Mansfield, O.</i>	239 D.
Morton Starr Cressy	<i>Hartford, Conn.</i>	130 F.
Walter Eaton Crittenden	<i>New Haven, Conn.</i>	210 D.
Francis Cross, Jr.	<i>New Haven, Conn.</i>	448 Washington av.
John Walter Cross	<i>New York City</i>	329 W.
Richard Dudley Currier	<i>Bridgeport, Conn.</i>	67 W. D.
Jesse Dwight Dana	<i>Lewiston, Me.</i>	305 W.
Earl Ellithorpe Davidson	<i>Boston, Mass.</i>	203 D.
Joseph Edward Davis	<i>Davis, W. Va.</i>	229 D.
Sidney Butler Dean	<i>St. Paul, Minn.</i>	254 L.
John Walter Decrow	<i>Boston, Mass.</i>	374 WH.



Rede Leonard Delano	<i>New Bedford, Mass.</i>	290 W.
Robert Leonard Dodd	<i>Haverhill, Mass.</i>	68 Park st.
Malcolm Douglas	<i>Albany, N. Y.</i>	225 D.
Harry Augustus Dow	<i>Pittsfield, Ill.</i>	206 D.
Clare Hill Draper	<i>Hopedale, Mass.</i>	16 V.
Dwight Chandler Drew	<i>Stowe, Vt.</i>	81 S. M.
Guilford Duncan	<i>St. Louis, Mo.</i>	406 B.
Edward DeLancey Eaton	<i>Albany, N. Y.</i>	145 F.
Frank Wales Eaton	<i>East Orange, N. J.</i>	238 D.
Richard Alvin Eble	<i>Newark, N. J.</i>	367 WH.
Stanley Wells Edwards	<i>Granby, Conn.</i>	245 L.
Edward Porter Eggleston	<i>New London, Conn.</i>	252 L.
Stephen Benton Elkins, Jr.	<i>Elkins, W. Va.</i>	319 W.
Christopher Pegues Ellerbe, Jr.	<i>St. Louis, Mo.</i>	406 B.
Edward Clarence Ellsbree	<i>Meriden, Conn.</i>	Meriden
Henry Edwards Ellsworth	<i>Simsbury, Conn.</i>	15 V.
Arthur Edgar Ely	<i>East River, Conn.</i>	183 LYC.
Sigismund Engelking	<i>Peters, Texas</i>	1 TR.
Orville Devere Estee	<i>Gloversville, N. Y.</i>	245 L.
Edward Bathurst Fackler	<i>New York City</i>	596 P.
Eugene Francis Farley	<i>Derby, Conn.</i>	Derby
John Sherlock Ferguson	<i>Stockholm, Sweden</i>	240 D.
Robert Ferguson	<i>Springfield, Mass.</i>	422 B.
Frank Farwell Ferry	<i>Lake Forest, Ill.</i>	230 D.
Henry Martyn Field	<i>Boston, Mass.</i>	211 D.
Irving Leonard Fisher	<i>New York City</i>	93 S. M.
Wilfred Lester Foster	<i>Brooklyn, N. Y.</i>	183 LYC.
Alanson Gibbs Fox	<i>New York City</i>	59 V.
David Rowland Francis, Jr.	<i>St. Louis, Mo.</i>	318 W.
Laurence Frank	<i>Ogdensburg, N. Y.</i>	377 WH.
Thomas Emlen Franklin	<i>Lancaster, Pa.</i>	390 B.
Charles Henry Frederick	<i>Westfield, N. J.</i>	80 S. M.
Herbert Brewster Fuller	<i>Glen Ridge, N. J.</i>	403 B.
William Frederick Gillespie	<i>Stamford, Conn.</i>	252 L.
Frederic William Gladding	<i>Essex, Conn.</i>	413 B.
Clifford Joseph Gleason	<i>Colebrook, N. H.</i>	19 Sylvan av.
John Elwin Gleason	<i>Oxford, N. Y.</i>	392 B.
Harry Ellsworth Goss	<i>Lakeville, Conn.</i>	1044 Chapel st.
Maurice Philippe Gould	<i>Wamego, Kansas</i>	216 D.
Arthur Harmount Graves	<i>Hartford, Conn.</i>	269 L.
George Green	<i>Gloversville, N. Y.</i>	280 L.
Edward Belden Greene	<i>Cleveland, O.</i>	250 Crown st.
Edward Chace Greene	<i>Westminster, Conn.</i>	159 Elm st.
James Cowan Greenway	<i>Hot Springs, Ark.</i>	225 D.

Harold Humphrey Hackett	<i>New York City</i>	310 W.
Frank Eugene Hale	<i>Hartford, Conn.</i>	130 F.
William Rodman Hamlin	<i>Easthampton, Mass.</i>	422 B.
John Bryant Hartwell	<i>Providence, R. I.</i>	317 W.
Frederick Charles Havemeyer	<i>New York City</i>	37 V.
Pliny Harold Hayes	<i>Buffalo, N. Y.</i>	205 D.
Harry Heaton	<i>Washington, D. C.</i>	160 F.
Lyman Cook Hedge	<i>Burlington, Iowa</i>	59 V.
Thomas William Hefferan	<i>Grand Rapids, Mich.</i>	343 WH.
Howard Covode Heinz	<i>Pittsburg, Pa.</i>	63 V.
Burns Henry	<i>Detroit, Mich.</i>	22 College st.
Edward Buffum Hill	<i>Yonkers, N. Y.</i>	10 V.
William Beck Hills	<i>Orange, N. J.</i>	80 S. M.
George Lyman Hinckley	<i>Northampton, Mass.</i>	412 B.
Leonard Albert Hochstadter	<i>New York City</i>	5 V.
John Morgan Hopkins	<i>Decherd, Tenn.</i>	26 V.
Thomas Andrews Howell, Jr.	<i>New York City</i>	318 W.
Christopher Hall Howes	<i>Yarmouth, Mass.</i>	254 Crown st.
George Wolcott Hubbell, Jr.	<i>Greenwich, Conn.</i>	8 V.
Clarence Powell Hulst	<i>Milwaukee, Wisc.</i>	1151 Chapel st.
Henry Thomas Hunt	<i>Cincinnati, O.</i>	227 D.
Ralph Emerson Hutchinson	<i>Hubbardston, Mass.</i>	328 W.
Hopkin Jenkins	<i>Portland, Oregon</i>	85 S. M.
Herbert Russell Jenney	<i>Cincinnati, O.</i>	334 WH.
Dale Crawford Jennings	<i>Pittsburg, Pa.</i>	587 P.
Bascom Johnson	<i>Washington, D. C.</i>	305 W.
Harry Otis Johnson	<i>Machias, Me.</i>	119 Wall st.
Owen McMahon Johnson	<i>New York City</i>	86 W. D.
William Savage Johnson	<i>Meriden, Conn.</i>	258 L.
Charles Jones	<i>Seymour, Conn.</i>	78 S. M.
John Everett Keach	<i>Northampton, Mass.</i>	421 B.
Raymond George Keeney	<i>Somersville, Conn.</i>	309 W.
Charles Alexis Kellogg, Jr.	<i>Carthage, Mo.</i>	114 N.
Franklin Kennedy	<i>Buffalo, N. Y.</i>	286 W.
Lucius Collinwood Kingman	<i>Providence, R. I.</i>	373 WH.
Allen Irving Kittle	<i>Ross, Cal.</i>	250 Crown st.
John Henry Klosterman	<i>Portland, Oregon</i>	235 D.
Irving Gilliss Knox	<i>New York City</i>	310 W.
Preston Kumler	<i>Evansville, Ind.</i>	334 WH.
Timothy Aloysius Leary	<i>Scitico, Conn.</i>	202 D.
Ashley Day Leavitt	<i>Melrose, Mass.</i>	87 S. M.
Samuel Samter Levy	<i>St. Louis, Mo.</i>	241 L.
Kenneth Dwight Lippincott	<i>Newton Centre, Mass.</i>	372 WH.
Vincent Paddock Lobdell	<i>Brewster, N. Y.</i>	396 B.

Frederic Irving Lockman	<i>New York City</i>	345 WH.
Hollister Logan	<i>Brooklyn, N. Y.</i>	419 B.
James Phinney Lombard	<i>Kansas City, Mo.</i>	301 W.
Maurice Ennis Lombardi	<i>Houston, Tex.</i>	287 W.
James McMaster Long	<i>Pittsburg, Pa.</i>	265 L.
Gilbert Lovell	<i>Plainfield, N. J.</i>	266 L.
Cortlandt Francis Luce	<i>New Brighton, N. Y.</i>	265 L.
Henry William Lyman	<i>Greenfield, Mass.</i>	384 B.
George Armstrong Lyon, Jr.	<i>Erie, Pa.</i>	334 WH.
Malcolm Lee McBride	<i>Cleveland, O.</i>	289 W.
Thomas McCandless	<i>Meriden, Conn.</i>	78 S. M.
George Sterling McCartin	<i>Watertown, N. Y.</i>	290 W.
Joseph Medill McCormick	<i>Chicago, Ill.</i>	79 S. M.
Robert McCormick	<i>Harrisburg, Pa.</i>	54 V.
Robert Hall McCormick, Jr.	<i>Chicago, Ill.</i>	382 WH.
William Marsh McCutchen	<i>Plainfield, N. J.</i>	264 L.
Ernest Clare McGouldrick	<i>Machias, Me.</i>	157 F.
Charles Wylie McKelvey	<i>Bridgeport, Conn.</i>	240 D.
Alexander Louis McKenzie	<i>Wareham, Mass.</i>	77 S. M.
William Chase Mackey	<i>Franklin, Pa.</i>	234 D.
Allan MacLean	<i>Litchfield, Conn.</i>	253 L.
William Raymond Maloney, Jr.	<i>Poughkeepsie, N. Y.</i>	398 B.
William Proctor Malony	<i>Dundee, N. Y.</i>	57 W. D.
Samuel Clinton Marty	<i>Kansas City, Mo.</i>	266 L.
Herbert Edwin Medway	<i>Scranton, Pa.</i>	386 B.
Frederick Benjamin Merrels	<i>New Haven, Conn.</i>	387 B.
Dunlevy Milbank	<i>New York City</i>	345 WH.
Jesse Wright Miller	<i>Houston, Tex.</i>	141 F.
Rutger Bleecker Miller	<i>New York City</i>	51 V.
Matthew Mills	<i>Chicago, Ill.</i>	39 V.
William Ernst Minor	<i>Covington, Ky.</i>	79 S. M.
Warner Moody	<i>Deadwood, S. Dak.</i>	212 D.
Hobart Moore	<i>Chicago, Ill.</i>	12 V.
Joy Leslie Moore	<i>Camp Hill, Pa.</i>	398 B.
Sydney Byron Morton	<i>Maywood, Ill.</i>	114 N.
Henry Leo Moses	<i>Scranton, Pa.</i>	241 L.
Robert Otto Müller	<i>Barmen, Germany</i>	174 F.
Fred Nash	<i>Northfield Farms, Mass.</i>	371 WH.
William Horatio Nelson	<i>West Suffield, Conn.</i>	73 S. M.
Thomas Davidson Newmyer	<i>Connellsville, Pa.</i>	597 P.
James Henry Niedecken	<i>Milwaukee, Wisc.</i>	220 D.
Wesley Eugene Nims	<i>Ashburnham, Mass.</i>	108 Dixwell av.
Crispin Oglebay	<i>Kansas City, Mo.</i>	383 B.
Eugene Walter Ong	<i>Cleveland, O.</i>	385 B.

Herman Max Opitz	Norwich, Conn.	76 S. M.
Clarence Eugene Ordway	Winchester, Mass.	211 D.
Walker Lavallette Otis	New York City	263 L.
Brace Whitman Paddock	Pittsfield, Mass.	326 W.
Charles Randolph Page	San Francisco, Cal.	383 B.
Walter Sharp Page	Columbus, O.	400 B.
Dudley Chapin Palmer	Chicago, Ill.	226 D.
Roland Swift Palmer	Amenia, N. Y.	390 B.
Edwards Albert Park	Gloversville, N. Y.	250 Crown st.
Roswell Miller Patterson	New York City	257 L.
James Warren Payton	Westfield, Mass.	1016 Chapel st.
Leonard Adolph Peck	Gloversville, N. Y.	86 S. M.
Roger Crossman Peck	North Bennington, Vt.	158 F.
Frank Denison Pendleton	Somersville, Conn.	73 S. M.
John Dodge Peters	Great Barrington, Mass.	235 D.
John Cleveland Phillips	Putnam, Conn.	335 WH.
John Calhoun Pickett	Northampton, Mass.	86 S. M.
Edward Rundel Pidgeon	Norwalk, Conn.	314 Crown st.
Horace Martin Poynter	Shelbyville, Ky.	68 W. D.
Henry Oscar Price	Galesburg, Ill.	68 W. D.
Oscar Stoddard Pulman, Jr.	Albany, N. Y.	371 WH.
John Pierrepont Rice	Santa Barbara, Cal.	408 B.
William Gray Ricker	Ryegate, Vt.	153 F.
Pliny Sexton Riggs	Palmyra, N. Y.	72 S. M.
Reuben Buck Robertson	Cincinnati, O.	369 WH.
Charles Prescott Robinson	Hornellsville, N. Y.	367 WH.
Percy Avery Rockefeller	New York City	22 College st.
Edward Clary Root	Greenwich, Conn.	127 N.
Sidney Clarence Rosenberg	New Haven, Conn.	103 Bishop st.
Adolph Hirsch Rosenfeld	Owensboro, Ky.	575 P.
Frank Henry Russell	Bridgeport, Conn.	148 F.
Robert Russell	Canton, N. Y.	8 V.
Harry Granville Sanders	Concord, N. H.	192 York st.
Walter Sidney Sanford	Sherburne, N. Y.	407 B.
William Edgar Schoyer	Pittsburg, Pa.	226 D.
Richard Jewett Schweppe	St. Louis, Mo.	220 D.
Warren Bartlett Seabury	Dedham, Mass.	277 L.
Walter Corwin Senger	Port Jervis, N. Y.	153 F.
William Edward Seymour	New York City	221 D.
Herman Shaffer	Philadelphia, Pa.	129 Howe st.
George Cass Shelby	Grand Rapids, Mich.	263 L.
George Melville Shepherd	New York City	237 York st.
Arthur Leighton Sherman	Castleton, Vt.	72 S. M.
Wilfrid Halsted Sherrill	Poughkeepsie, N. Y.	204 D.

Franklin Victory Sikes	<i>Suffield, Conn.</i>	422 B.
George Welch Simmons	<i>St. Louis, Mo.</i>	22 College st.
David Stanley Smith	<i>Toledo, O.</i>	10 V.
Harrison Preserved Smith	<i>East Northfield, Mass.</i>	155 F.
Herbert Raymond Smith	<i>New London, Conn.</i>	264 L.
Rollin Aaron Spalding, Jr.	<i>Lynn, Mass.</i>	234 D.
Chauncey Blair Spears	<i>New York City</i>	47 V.
Howard Speer	<i>Cincinnati, O.</i>	112 N.
Thomas Stack	<i>Harvey, N. B.</i>	159 Elm st.
Charles Alexander Starne	<i>Leadville, Col.</i>	23 V.
Charles Stetson	<i>Bangor, Me.</i>	39 V.
Robert Stevenson, Jr.	<i>Chicago, Ill.</i>	41 V.
Mason Albert Stone, Jr.	<i>New York City</i>	155 Elm st.
Lyman Brumbaugh Stookey	<i>Belleville, Ill.</i>	182 LYC.
William Brewster Stoskopf	<i>Freeport, Ill.</i>	277 L.
Corliss Esmonde Sullivan	<i>Cleveland, O.</i>	289 W.
Thomas Walter Swan	<i>Northampton, Mass.</i>	317 W.
Charles Christian Swartz	<i>S. Norwalk, Conn.</i>	286 W.
Hulbert Taft	<i>Cincinnati, O.</i>	41 V.
Edward Hubbert Tatum	<i>Larchmont, N. Y.</i>	325 W.
Warner Varnum Taylor	<i>Wakefield, Mass.</i>	343 WH.
George Bremner Tennant	<i>Waterbury, Conn.</i>	134 F.
David Ogle Thomas	<i>Belleville, Ill.</i>	202 D.
Ralph Willis Thomas	<i>Anaconda, Mont.</i>	182 LYC.
Charlton Brice Thompson	<i>Covington, Ky.</i>	227 D.
Elbert Nevius Sebring Thompson	<i>New Haven, Conn.</i>	127 N.
Warren Parsons Thorpe	<i>Philadelphia, Pa.</i>	175 F.
Charles Lewis Tiffany, 2d	<i>New York City</i>	382 WH.
William Evarts Tracy	<i>Plainfield, N. J.</i>	274 L.
Charles Terry Treadway	<i>Bristol, Conn.</i>	22 College st.
Carlisle Bronson Tuttle	<i>Naugatuck, Conn.</i>	321 W.
Raymond Lathrop Tweedy	<i>Binghamton, N. Y.</i>	287 W.
Reuben Carter Twichell	<i>Plantsville, Conn.</i>	326 W.
Albert William VanBuren	<i>Lynn, Mass.</i>	261 Orange st.
Albert VanderVeer, Jr.	<i>Albany, N. Y.</i>	35 V.
Laurence VanDyke	<i>Milwaukee, Wisc.</i>	209 D.
William Jerome Vogeler	<i>Baltimore, Md.</i>	12 V.
Philip Cory Walcott	<i>Rutherford, N. J.</i>	87 S. M.
Elisha Walker	<i>New York City</i>	357 WH.
Gardner Colby Walworth	<i>Newton Centre, Mass.</i>	372 WH.
Edgar Percy Ward	<i>Orange, N. J.</i>	238 D.
Thomas Watson	<i>Greenville, Pa.</i>	368 WH.
Charles Ellingham Weeks	<i>Bridgeport, Conn.</i>	204 D.
Rudolph Frederick Weichert	<i>Danbury, Conn.</i>	91 S. M.

William Howard Weiss	<i>Schuylkill Haven, Pa.</i>	157 F.
Harry Hubbard Wells	<i>Brewster, N. Y.</i>	407 B.
Sidney Adams Weston	<i>Sharon, Mass.</i>	360 WH.
George Hoyt Whipple	<i>Andover, Mass.</i>	192 York st.
George Newell Whittlesey	<i>New Haven, Conn.</i>	268 L.
Henry Parmelee Wickes	<i>New York City</i>	121 N.
Herbert Gilman Williams	<i>Rochester, N. Y.</i>	374 WH.
William Biddle Williams	<i>Haverford, Pa.</i>	257 L.
William Kingsley Williams	<i>Cheyenne, Wyoming</i>	164 F.
Charles Hulbert Wilson	<i>Pittsfield, Mass.</i>	283 w.
Keyes Winter	<i>Indianapolis, Ind.</i>	23 v.
Frederick Harvey Winters	<i>Indianapolis, Ind.</i>	47 v.
Harry Parker Wood	<i>Gloversville, N. Y.</i>	11 v.
Sydney Mixsell Wood	<i>Mt. Vernon, N. Y.</i>	35 v.
Herbert Charles Zellhoefer	<i>Brooklyn, N. Y.</i>	54 v.

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## SOPHOMORE CLASS

Edward Bradford Adams	<i>Westport, Conn.</i>	92 S. M.
Frederick Blanchard Adams	<i>Utica, N. Y.</i>	61 Wolcott st.
Arthur Dwight Allen	<i>Louisville, Ky.</i>	22 College st.
Charles Willis Allen	<i>Louisville, Ky.</i>	22 College st.
John Raymond Allen	<i>W. Springfield, Mass.</i>	92 S. M.
Walter Bateman Allen	<i>Hartford, Conn.</i>	154 F.
Brewster Frost Ames	<i>Albany, N. Y.</i>	119 Park st.
Ira Lincoln Anderson	<i>E. Orange, N. J.</i>	75 S. M.
Addison Clark Angus	<i>Oakham, Mass.</i>	Dwight Hall
Fred. William Arlt	<i>Rockville, Conn.</i>	802 State st.
Robert Lewis Atkinson	<i>St. Louis, Mo.</i>	22 College st.
Hugh Auchincloss	<i>New York City</i>	22 College st.
Henry Herbert Babcock	<i>Watertown, N. Y.</i>	563 P.
Nathan Adolphus Baldwin, 2d	<i>Brooklyn, N. Y.</i>	22 College st.
Jasper Bayne	<i>New York City</i>	166 F.
Frederick Beltz, Jr.	<i>Riverside, Conn.</i>	7 Library st.
Augustus Bart Berger	<i>Denver, Col.</i>	22 College st.
Dudley Stuart Blossom	<i>E. Cleveland, O.</i>	22 College st.
John Dutton Bogart	<i>New York City</i>	339 York st.
Frederick Douglass Bonner	<i>New Haven, Conn.</i>	37 Eaton st.
James Leonard Boyce	<i>Chicago, Ill.</i>	242 L.
Edward Dudley Bradstreet	<i>Meriden, Conn.</i>	273 L.
Lewis Hollister Bronson	<i>New Haven, Conn.</i>	1233 Chapel st.
Herbert Bruce Brougham	<i>Owego, N. Y.</i>	251 Crown st.
Edward David Brown	<i>Albany, Ga.</i>	129 F.
Edwin Hewitt Brown	<i>E. Cleveland, O.</i>	314 W.
Francis Gordon Brown, Jr.	<i>Flushing, N. Y.</i>	22 College st.
Howard Melville Brown	<i>Comstock's Bridge, Conn.</i>	273 L.
Lewis Paul Brown	<i>Des Moines, Iowa</i>	75 S. M.
Charles Benedict Buckingham	<i>Watertown, Conn.</i>	281 L.
Lawrence Knight Butler	<i>Detroit, Mich.</i>	I V.
Eben McBurney Byers	<i>Allegheny, Pa.</i>	166 F.
Charles Washburn Cady	<i>Hartford, Conn.</i>	208 D.
Morton David Cahn	<i>Chicago, Ill.</i>	592 P.
Alexander Cameron, Jr.	<i>Brooklyn, N. Y.</i>	22 College st.
Howard Carleton	<i>Brooklyn, N. Y.</i>	548 P.
James Mandeville Carlisle	<i>Washington, D. C.</i>	560 P.
Thomas Carlton Carson	<i>Syracuse, N. Y.</i>	568 P.
Luke Berne Carter	<i>Titusville, Pa.</i>	313 W.
Alexander Henry Carver	<i>Philadelphia, Pa.</i>	553 P.
Lacey Davis Caskey	<i>Dresden, Germany</i>	168 F.

George Lewis Catlin	Bridgeport, Conn.	137 F.
Aims Reading Chamberlain	Warwick, N. Y.	529 F.
John Bullard Chamberlain	Unionville, Conn.	74 S. M.
Robert Woods Chandler	New Haven, Conn.	31 High st.
Harold Chappell	New London, Conn.	173 F.
Philip Cheney	S. Manchester, Conn.	169 F.
Thomas Langdon Cheney	S. Manchester, Conn.	169 F.
James Harold Childs	Pittsburg, Pa.	279 L.
Frank Miller Chisholm	Savannah, Ga.	173 F.
Henry Chisholm	East Cleveland, O.	22 College st.
George Peters Chittenden	New York City	231 D.
Henry Hall Christian	Minneapolis, Minn.	172 F.
Emerson Brewer Christie	Tarsus, Turkey	120 N.
Samuel Hopkins Clapp	Pawtucket, R. I.	578 P.
Fred Augustus Clark	Scranton, Pa.	22 College st.
George Maxwell Clark	Brooklyn, N. Y.	106 W. D.
William Pancoast Clyde, Jr.	New York City	22 College st.
Harold Bradford Colton	Hartford, Conn.	101 W. D.
Alfred Conkling Coxe, Jr.	Utica, N. Y.	256 L.
Sherman Lockwood Coy	Lakeville, Conn.	278 L.
Owen Crawford	Cincinnati, O.	417 B.
John Leslie Crosthwaite, Jr.	Buffalo, N. Y.	1151 Chapel st.
Eugene Newton Curtis	White Plains, N. Y.	168 F.
Henry Stiles Curtiss	Cleveland, O.	242 L.
Julian Day	New York City	240 D.
Charles Mills DeForest	New Haven, Conn.	599 P.
Justus Gerhard Dettmer	Brooklyn, N. Y.	152 F.
Fred Stone Dodson	Andover, Mass.	110 N.
Edward Francis Donnelly	Detroit, Mich.	1076 Chapel st.
Barton Talcott Doudge	New York City	1076 Chapel st.
William Joseph Downs	Danbury, Conn.	91 S. M.
George Adolph Droste	Montclair, N. J.	22 College st.
Charles Dupee	Plainfield, N. J.	556 P.
Oliver Hall Eddy	Evanston, Ill.	163 F.
Richard Henry Edwards	Lisle, N. Y.	522 P.
John Shepard Eells	Ross Station, Cal.	19 V.
Frederick Benjamin Eiseman	St. Louis, Mo.	223 D.
Eldridge Lyon Eliason	Chestertown, Md.	219 York st.
Gayton Ballard Ellis	Brooklyn, N. Y.	55 V.
Henry Sturges Ely	Binghamton, N. Y.	600 P.
Howard Lightner Eshleman	Leaman Place, Pa.	62 Lake pl.
William Stickney Ewell	Washington, D. C.	34 Hillhouse av.
William Frederick Fanslow	New Haven, Conn.	53 Salem st.
John Arthur Findley	Andover, Mass.	99 N.



James Louis Fiske	<i>S. Killingly, Conn.</i>	1010 Chapel st.
Robert Sharp Fletcher	<i>New York City</i>	176 F.
Harry Monteith Flint	<i>Collinsville, Conn.</i>	123 N.
Lewis Edwards Fulton	<i>Waterbury, Conn.</i>	219 D.
John Arthur Gardner	<i>New York City</i>	1076 Chapel st.
Samuel Warren Gardner	<i>Maplewood, N. J.</i>	82 S. M.
Paul Titus Gilbert	<i>New Haven, Conn.</i>	224 Oak pl.
Roy Hawkes Gilpatrick	<i>Machias, Me.</i>	157 F.
Arthur Huntington Gleason	<i>S. Norwalk, Conn.</i>	559 P.
Harry Starin Gray	<i>New York City</i>	128 High st.
Clifford Greene	<i>Cincinnati, O.</i>	574 P.
George Partridge Greenhalgh	<i>Lafayette, Ind.</i>	545 P.
Arthur Llewellyn Griffiths	<i>Malden, Mass.</i>	166 Oak st.
John Payson Grosvenor	<i>Pomfret Centre, Conn.</i>	151 F.
Frederic Reynolds Haight	<i>New Haven, Conn.</i>	410 Winthrop av.
Robert Earle Broughton Hall	<i>New Haven, Conn.</i>	163 F.
William Frederick Hamilton	<i>New Haven, Conn.</i>	131 Washington st.
Fred Gould Harris	<i>Cleveland, O.</i>	1044 Chapel st.
Ernest Hausberg	<i>Charles City, Iowa</i>	537 P.
Henry Wilder Healy	<i>Brooklyn, N. Y.</i>	111 N.
Lewis Edward Hemenway	<i>Manchester, Vt.</i>	101 W. D.
Harold Storrs Hetrick	<i>Norwich, Conn.</i>	401 B.
Allan Mortimer Hirsh	<i>Richmond, Va.</i>	1044 Chapel st.
William Reynolds Hitt	<i>Washington, D. C.</i>	22 College st.
Robert Burns Hixon	<i>La Crosse, Wisc.</i>	313 W.
Lester Shands Holmes	<i>New York City</i>	1044 Chapel st.
William Warner Hoppin, Jr.	<i>New York City</i>	22 College st.
John Huntington Hord	<i>Cleveland, O.</i>	237 D.
Walter Bruce Howe	<i>Washington, D. C.</i>	231 D.
Willard Duncan Howe	<i>W. Pittston, Pa.</i>	600 P.
Warren Hoysradt	<i>Hudson, N. Y.</i>	278 L.
William Southworth Hunt	<i>Chatham, N. J.</i>	60 W. D.
William Hills Hutchins	<i>Indian Orchard, Mass.</i>	82 S. M.
Edwin Lorenzo Howell Hutchinson	<i>Quogue, N. Y.</i>	83 S. M.
Warren Sperry Jarvis	<i>Brooklyn, N. Y.</i>	152 F.
Paul Bowen Alden Johnson	<i>Washington, D. C.</i>	599 P.
Edmund Lawrence Jones	<i>Cincinnati, O.</i>	22 College st.
John William Joy	<i>Waterbury, Conn.</i>	99 N.
Henry Pratt Judd	<i>Honolulu, H. I.</i>	224 D.
Frederick Snow Kellogg	<i>Montclair, N. J.</i>	140 F.
Luther Lafin Kellogg, Jr.	<i>New York City</i>	58 V.
Thomas Lake Kenney	<i>Suffield, Conn.</i>	364 WH.
John Arthur Keppelman	<i>Reading, Pa.</i>	279 L.
Perry Charles Kiefer	<i>Allegheny, Pa.</i>	2 V.

Arthur Houghton Killen	<i>Dunkirk, N. Y.</i>	366 W.
James Cuyler Kimball	<i>Governor's Island, N. Y.</i>	132 F.
Henry Willis King	<i>Thompsonville, Conn.</i>	123 N.
Ranulph Kingsley	<i>New Rochelle, N. Y.</i>	416 B.
Garrett Bergh Kip	<i>New York City</i>	1076 Chapel st.
Edward Spring Knapp	<i>Bay Shore, N. Y.</i>	132 F.
Dudley Bates Lawrence	<i>New York City</i>	172 F.
Eliot Lee	<i>New York City</i>	1076 Chapel st.
Paul John Leidigh	<i>Kansas City, Mo.</i>	547 P.
Norman Wilklow LeVally	<i>Chicago, Ill.</i>	177 F.
Bernard Wesley Lewis	<i>Pittsburg, Pa.</i>	177 F.
Edwin Colby Lewis	<i>St. Johnsbury, Vt.</i>	139 F.
Emory Hopewell Lindenberger	<i>Louisville, Ky.</i>	2 V.
Wilford Williams Linsly	<i>New York City</i>	553 P.
Porter Hodge Linthicum	<i>Evansville, Ind.</i>	541 P.
James Lee Loomis	<i>Granby, Conn.</i>	245 L.
LaVerne Emery Lounsberry	<i>Lounsbury, N. Y.</i>	196 Grove st.
George Blakeman Lovell	<i>New Haven, Conn.</i>	30 Grove st.
Henry Sayrs McAuley	<i>Chicago, Ill.</i>	1151 Chapel st.
John Oppie McCall	<i>Binghamton, N. Y.</i>	591 P.
Downer McCord	<i>Chicago, Ill.</i>	537 P.
Andrew Smith McCreath, Jr.	<i>Harrisburg, Pa.</i>	237 York st.
Robinson Barnes McFadon	<i>Chadron, Nebr.</i>	336 George st.
Charles McLean	<i>Newport, R. I.</i>	1076 Chapel st.
Frank Barrows Makepeace, Jr.	<i>Springfield, Mass.</i>	111 N.
William Mills Maltbie	<i>Granby, Conn.</i>	94 S. M.
Louis Manierre	<i>Chicago, Ill.</i>	535 P.
Albert Hunt Marckwald	<i>Brooklyn, N. Y.</i>	521 P.
Frederick Griswold Mason	<i>Waterbury, Conn.</i>	585 P.
Maurice Mason	<i>Chicago, Ill.</i>	237 D.
Everett Victor Meeks	<i>Meriden, Conn.</i>	110 Wall st.
Merritt Heminway Merriman	<i>Waterbury, Conn.</i>	281 L.
Walter Eugene Meyer	<i>New York City</i>	72 W. D.
James Layng Mills	<i>Philadelphia, Pa.</i>	1076 Chapel st.
Paul Lincoln Mitchell	<i>Cincinnati, O.</i>	22 College st.
Paul Miller Mohr	<i>Kansas City, Mo.</i>	138 F.
Paul Dwight Moody	<i>E. Northfield, Mass.</i>	282 L.
William Gerald Dare Morgan	<i>New York City</i>	1076 Chapel st.
Ray Morris	<i>New Haven, Conn.</i>	536 P.
Russell Mott	<i>Michigan City, Ind.</i>	138 F.
Timothy Whitfield Mulford	<i>Kansas City, Mo.</i>	547 P.
Harold Clark Neal	<i>Harrisburg, Pa.</i>	22 College st.
Russell Hubbard Nevins	<i>Stamford, Conn.</i>	226 York st.
Reece Marshall Newport, Jr.	<i>St. Paul, Minn.</i>	22 College st.

De Witt Clinton Noyes	<i>New York City</i>	573 P.
Herman Parker Olcott	<i>New York City</i>	140 F.
Harry Smith Osborn	<i>East Hampton, N. Y.</i>	600 P.
Andrew Dickson Packer	<i>Brooklyn, N. Y.</i>	223 D.
Albert Robert Palmer	<i>E. Orange, N. J.</i>	1151 Chapel st.
Edward Augustus Palmer, Jr.	<i>Montville, Conn.</i>	170 York st.
James Anderson Parker	<i>Louisville, Ky.</i>	1151 Chapel st.
Morris Ketchum Parker	<i>New York City</i>	135 F.
Robert William Parsons	<i>New York City</i>	1076 Chapel st.
Joseph Medill Patterson	<i>Chicago, Ill.</i>	22 College st.
Clifford Gordon Pearce	<i>Jacksonville, Fla.</i>	292 W.
William Alexander Penny	<i>St. Louis, Mo.</i>	1044 Chapel st.
Walter Hart Perry	<i>Oxford, Conn.</i>	75 Broadway
Carrington Arah Phelps	<i>N. Colebrook, Conn.</i>	120 High st.
Clarkson Potter	<i>St. Louis, Mo.</i>	131 F.
William Sumner Pritchard	<i>Brockton, Mass.</i>	259 L.
Stanley Burnet Resor	<i>Cincinnati, O.</i>	404 B.
George Vogdes Reynolds	<i>St. Louis, Mo.</i>	22 College st.
Edward Chauncey Rice, Jr.	<i>New York City</i>	1076 Chapel st.
Allan Harvey Richardson	<i>Waterbury, Conn.</i>	Dwight Hall
Ralph Redpath Richardson	<i>St. Joseph, Mo.</i>	255 L.
Frank McDonnell Camp Robertson	<i>Parish, N. Y.</i>	139 F.
Thomas Markoe Robertson	<i>New York City</i>	135 F.
Charles Edgar Rogers, Jr.	<i>Brooklyn, N. Y.</i>	106 W. D.
Ralph Ernest Rogers	<i>Rochester, N. Y.</i>	1151 Chapel st.
Thomas Wright Russell, Jr.	<i>Hartford, Conn.</i>	585 P.
Frederick Richard Ryan	<i>New Haven, Conn.</i>	46 Lafayette st.
Carl Frederick Francis Schulz	<i>Corona, N. Y.</i>	361 W. H.
William Prescott Scott	<i>San Francisco, Cal.</i>	22 College st.
Herbert Scoville	<i>New York City</i>	57 V.
Frank Rose Serles	<i>Hornellsville, N. Y.</i>	149 F.
Henry Pleasants Shaw	<i>Lexington, Ky.</i>	401 B.
Jacques Lewis Silverman	<i>Williamsport, Pa.</i>	149 F.
Norton Myron Skiff	<i>Dundee, N. Y.</i>	57 W. D.
Ernest Walker Smith	<i>Hartford, Conn.</i>	15 E. D.
George Milton Smith	<i>New York City</i>	176 F.
Richard Selden Spencer	<i>Deep River, Conn.</i>	1076 Chapel st.
Robert Vaughan Spencer	<i>Jasper, N. Y.</i>	420 B.
Lester Morgan Spier	<i>Glens Falls, N. Y.</i>	19 V.
William Arthur Stickney	<i>St. Louis, Mo.</i>	22 College st.
George Schley Stillman	<i>Brooklyn, N. Y.</i>	22 College st.
Emanuel Emory Straus	<i>Louisville, Ky.</i>	129 F.
Prentice Strong	<i>New York City</i>	562 P.
Frederick William Struby	<i>Denver, Col.</i>	1076 Chapel st.

James Spencer Taintor	<i>Hartford, Conn.</i>	415 B.
Howard Frank Taylor	<i>New Haven, Conn.</i>	56 Carmel st.
Charles Thaddeus Terry	<i>Milan, Italy</i>	84 Wall st.
Arthur Abbot Thomas	<i>Providence, R. I.</i>	568 P.
Charles Ai Thomas	<i>New Milford, Conn.</i>	336 George st.
John Hudson Thomas	<i>Hudson, N. Y.</i>	522 P.
Leonard Moorhead Thomas	<i>Philadelphia, Pa.</i>	22 College st.
Edwin Potter Thompson	<i>Fort Douglas, Utah</i>	1044 Chapel st.
Paul Thompson	<i>New Haven, Conn.</i>	132 Howe st.
Norman Campbell Thorne	<i>Central Valley, N. Y.</i>	8 Ashmun st.
Malvern Hall Tillitt	<i>Elizabeth City, N. C.</i>	411 B.
Burton Isaac Tolles	<i>Ansonia, Conn.</i>	364 Orchard st.
John Canfield Tomlinson, Jr.	<i>New York City</i>	1076 Chapel st.
Edward Everett Tredway	<i>Gloversville, N. Y.</i>	395 B.
Edwin Hotchkiss Tuttle	<i>New Haven, Conn.</i>	217 Mansfield st.
Lucius Tuttle	<i>New Haven, Conn.</i>	217 Mansfield st.
Burton Parker Twichell	<i>Hartford, Conn.</i>	154 F.
Kinsley Twining, Jr.	<i>Morristown, N. J.</i>	536 P.
Roger Pierpont Tyler	<i>New Haven, Conn.</i>	34 College st.
Edwin Orlando Vaile, Jr.	<i>Oak Park, Ill.</i>	259 L.
Fred Miller VanWicklen	<i>Brooklyn, N. Y.</i>	521 P.
Joseph Tilney Wadsworth	<i>Plainfield, N. J.</i>	131 F.
Dana Lewis Walcott	<i>Rutherford, N. J.</i>	83 S. M.
Harold Sedgwick Wallace	<i>Ansonia, Conn.</i>	208 D.
Richard Wilson Walsh	<i>Chicago, Ill.</i>	323 W.
Louis Frederick Walton	<i>New York City</i>	1151 Chapel st.
Harry Edwin Ward	<i>Clinton, Conn.</i>	251 L.
William Howe Warren	<i>Holden, Mass.</i>	584 P.
Cameron Beach Waterman	<i>Detroit, Mich.</i>	I V.
William Prime Wattles	<i>Philadelphia, Pa.</i>	577 P.
James Hutchinson Wear	<i>St. Louis, Mo.</i>	22 College st.
Albert Micajah Webb	<i>Bell Buckle, Tenn.</i>	251 L.
Harvey Thomas Weeks, Jr.	<i>Chicago, Ill.</i>	22 College st.
George Arnold Welch	<i>Cleveland, O.</i>	256 L.
Ralph Olney Wells	<i>Hartford, Conn.</i>	94 S. M.
Harry Dexter Wescott	<i>Haddonfield, N. J.</i>	292 W.
Wilhelmus David Allen Westfall	<i>Montague, N. J.</i>	584 P.
Heywood Hotchkiss Whaples	<i>Hartford, Conn.</i>	15 E. D.
Frost Montaine Wheeler	<i>St. Paul, Minn.</i>	282 L.
Carlton Taylor White	<i>Noroton, Conn.</i>	165 York st.
George Luther White, Jr.	<i>Waterbury, Conn.</i>	1151 Chapel st.
Ogden Watson White	<i>Waterbury, Conn.</i>	151 F.
Oliver Martin Wiard	<i>New Britain, Conn.</i>	192 York st.
Arthur Shaler Williams	<i>New Haven, Conn.</i>	565 P.

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*Sophomore Class*

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Bluford Wilson, Jr.	<i>Springfield, Ill.</i>	255 L.
Edwin Barnes Wilson	<i>Claverack, N. Y.</i>	589 P.
Robert Bruce Wilson	<i>Portland, Oregon</i>	1076 Chapel st.
Convers Buckingham Woolsey	<i>Englewood, N. J.</i>	219 D.
Theodore Salisbury Woolsey, Jr.	<i>New Haven, Conn.</i>	169 F.
Alfred Parks Wright	<i>New Haven, Conn.</i>	128 York st.
Jesse Sidney Wyler	<i>Cincinnati, O.</i>	525 P.
Arthur Frederic Yaggy	<i>Lake Forest, Ill.</i>	57 V.
Arthur Jewett Young	<i>Brunswick, Me.</i>	314 W.

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## FRESHMAN CLASS

Stephen Henry Abbey	Kingston, N. Y.	7 Library st.
Franklin Abbott	Pittsburg, Pa.	248 York st.
Gardner Abbott	Cleveland, O.	1076 Chapel st.
Oliver Sidney Ackley, Jr.	Brooklyn, N. Y.	161 F.
Clarence Henry Adams	Denver, Col.	250 York st.
Ellis Adams	Summit, N. J.	242 York st.
George Waugh Albin	St. Louis, Mo.	217 York st.
Charles Roberts Aldrich	Evanston, Ill.	1076 Chapel st.
John deKoven Alsop	Middletown, Conn.	203 York st.
Coleman Emanuel Andel	Belleville, Ill.	9 Library st.
Thomas Earl Andrews	Owego, N. Y.	251 Crown st.
Roscoe Whalen Armstrong	Clinton, Iowa	1151 Chapel st.
Anthony Brown Arnold	Plainfield, Conn.	27 High st.
George Wheeler Babcock	Neenah, Wisc.	1076 Chapel st.
Ross Hamilton Stillman Bacon	Derby, Conn.	96 S. M.
Charles Seiser Baer	Lancaster, Pa.	238 York st.
John Frederick Baer	Lancaster, Pa.	238 York st.
Frank Maurice Baker	Pensfield, N. Y.	95 S. M.
Phillips Bancroft	Andover, Mass.	110 N.
Courtlandt Dixon Barnes	New York City	549 P.
Francis Blackman Barnett	Canaan, Conn.	27 College st.
Frank Henry Batson	Fairport, N. Y.	95 S. M.
Charles Houghton Baxter	Elmira, N. Y.	217 York st.
Raymond Vreeland Baylor	Newark, N. J.	233 D.
Laurance Baldwin Beckwith	Toledo, O.	250 York st.
Krebs Beebe	Chicago, Ill.	242 York st.
Frederick Beers	New Haven, Conn.	25 Vernon st.
Martin Henry Bergen	Hartford, Conn.	316 Crown st.
Raymond Bissell	Buffalo, N. Y.	270 L.
Dixon Boardman	Nutley, N. J.	581 P.
Sidney Sewall Boardman	New York City	250 York st.
Louis Frederick Boder	St. Joseph, Mo.	287 York st.
William Gates Bourn	Yonkers, N. Y.	332 Temple st.
Newton Case Brainard	Hartford, Conn.	551 P.
Jacob Braun	New Haven, Conn.	211 State st.
Frederick William Brooks, Jr.	New York City	A.
Samuel Leon Brooks	Danbury, Conn.	107½ Day st.
Armitt Brown	Burlington, N. J.	242 York st.
Irving VanDuyne Brown	South Orange, N. J.	119 Park st.

James Brown	<i>Buffalo, N. Y.</i>	129 Howe st.
Graham Brush	<i>New York City</i>	270 Crown st.
Julian Winsor Burdick	<i>Albany, N. Y.</i>	250 York st.
Henry Edwards Burgess	<i>New Haven, Conn.</i>	226 Whalley av.
Louis Herbert Burlingham	<i>Willimantic, Conn.</i>	120 High st.
Frederic Burnham	<i>Chicago, Ill.</i>	38 Lynwood st.
John Booth Burrall	<i>Waterbury, Conn.</i>	552 P.
Leonard Theaker Bushnell	<i>New Bedford, Mass.</i>	162 F.
John Alexander Callender	<i>Providence, R. I.</i>	260 L.
Frederic Wells Campbell	<i>New Haven, Conn.</i>	100 Whalley av.
George Boone Carpenter	<i>Chicago, Ill.</i>	248 York st.
Harry Baldwin Chamberlain	<i>Unionville, Conn.</i>	74 S. M.
Walter Lawrence Chamberlain	<i>Springfield, Mass.</i>	143 F.
Terry Joseph Chapin	<i>Enfield, Conn.</i>	365 WH.
William Lyman Chase	<i>Palmyra, N. Y.</i>	333 York st.
Simeon Baldwin Chittenden, Jr.	<i>Brooklyn, N. Y.</i>	203 York st.
Arthur Bryan Clark	<i>Milford, Conn.</i>	333 York st.
Philo Douglas Clark	<i>Red Oak, Iowa</i>	7 Library st.
William Edward Clegg	<i>Providence, R. I.</i>	9 Library st.
Oliver Morton Clifford	<i>St. Louis, Mo.</i>	1151 Chapel st.
Clement Hale Cochran	<i>Buffalo, N. Y.</i>	270 L.
Richard Huntington Cole	<i>Hartford, Conn.</i>	583 P.
Charles Harold Collins	<i>Brooklyn, N. Y.</i>	1076 Chapel st.
William Francis Collins	<i>New Haven, Conn.</i>	393 East st.
Henry Elliott Colton	<i>Campbellsville, Ky.</i>	58 W. D.
Robert Haskell Cory	<i>Englewood, N. J.</i>	595 P.
Harry Borrows Cox	<i>Newark, N. J.</i>	238 York st.
William Stickney Creevey	<i>Brooklyn, N. Y.</i>	542 P.
Alfred Miller Cressler	<i>Fort Wayne, Ind.</i>	248 York st.
George Lewis Curtis	<i>Clinton, Iowa</i>	1151 Chapel st.
Charles Cyprian Strong Cushing	<i>Dobbs Ferry, N. Y.</i>	165 F.
Carl Willis Davis	<i>Hartford, Conn.</i>	586 P.
George Eugene Davis	<i>Hartford, Conn.</i>	35 Lynwood st.
William Edward Davis, Jr.	<i>Whitneyville, Conn.</i>	1044 Chapel st.
David Sheldon Day	<i>Colchester, Conn.</i>	115 W. D.
William Edwards Day	<i>Indianapolis, Ind.</i>	250 York st.
Sidney Norton Deane	<i>Crown Point, N. Y.</i>	85 W. D.
James Rogers Deering	<i>New York City</i>	238 York st.
Edward Henry Delafield	<i>New York City</i>	119 Wall st.
George Allen Dewey	<i>Oneida, N. Y.</i>	572 P.
William LeRoy Dix	<i>Island Pond, Pa.</i>	285 York st.
Robert Bartlett Dresser	<i>Charlotte, N. C.</i>	237 York st.
Holland Sackett Duell	<i>Washington, D. C.</i>	170 York st.
Helmer Duncan	<i>Brooklyn, N. Y.</i>	128 High st.

William Wheeler Duncan	Chatham, N. Y.	1076 Chapel st.
Frank Manson Eastman	Boise, Idaho	1076 Chapel st.
Edward Easton, Jr.	Albany, N. Y.	1151 Chapel st.
Harold Louis Ehrich	Colorado Springs, Col.	119 Wall st.
Frank Atwater Elmes	Derby, Conn.	231 York st.
James Elvin	Paterson, N. J.	205 Crown st.
Alfred Franklin Escher	Brooklyn, N. Y.	9 Library st.
Floyd Howard Evans	St. Paul, Minn.	168 York st.
William Abraham Evans	Nanticoke, Pa.	124½ Park st.
Harold Chester Evarts	Meriden, Conn.	336 Orange st.
Willard Horace Fanton	Weston, Conn.	126 Wall st.
Harry Blackstone Farrar	Erie, Pa.	250 York st.
Alton Farrel	Ansonia, Conn.	39 College st.
Alfred Ludlow Ferguson	Stamford, Conn.	250 York st.
Edward FitzGerald	Derby, Conn.	7 Library st.
Allison Sweeney Fleming	Fairmount, W. Va.	158 Whitney av.
Charles Paxson Flora	Columbia, Pa.	64 Lake pl.
Henry Lyman Foote	New Haven, Conn.	19 Howe st.
Sterling Thompson Foote	New York City	540 P.
Charles Ring Foster	Westfield, N. J.	404 Crown st.
Edward Lyttleton Fox	New York City	242 York st.
Charles Broadbudd Francis	St. Louis, Mo.	217 York st.
Charles Driver Francis	Winchester, Tenn.	130 Howe st.
Edward Wiley Frisbie	Hartford, Conn.	551 P.
Thomas Jefferson Gaines, Jr.	New York City	238 York st.
Henry Larned Galpin	New Haven, Conn.	333 WH.
William Smith Garnsey, Jr.	Gloversville, N. Y.	590 P.
William Thomas Garrett	Rover, Tenn.	363 WH.
John Stephen Garvan	Hartford, Conn.	44 College st.
Robert Shaeffer Gast	Pueblo, Col.	238 York st.
Robert Hale Ives Goddard, Jr.	Providence, R. I.	324 W.
William Benjamin Godfrey, Jr.	Honolulu, H. I.	120 College st.
Francis Spencer Goodwin	Hartford, Conn.	260 L.
James Lester Goodwin	Hartford, Conn.	586 P.
Percy VanDuzer Gott	Goshen, N. Y.	333 York st.
Charles Gould	Albany, N. Y.	1151 Chapel st.
Edwin Carleton Granbery	New York City	248 York st.
Robert Perkins Griffing	Riverhead, N. Y.	1076 Chapel st.
Frederic Prescott Griswold	Meriden, Conn.	315 Crown st.
Otto Harry Gruner	New York City	238 York st.
Raymond Gano Guernsey	Poughkeepsie, N. Y.	120 York st.
William Potter Haines	Buffalo, N. Y.	271 L.
Arthur Benedict Hall	New Britain, Conn.	310 Elm st.
John Raymond Hall	Dansville, N. Y.	1076 Chapel st.



Lewis Burton Hall, Jr.	Brooklyn, N. Y.	146 College st.
Tom Roland Hall	New Haven, Conn.	97 Sherman av.
Henry William Hamlin	Canandaigua, N. Y.	330 w.
John LeRoy Hammond	Savannah, Ga.	217 York st.
William Hance	Stephensburg, N. J.	62 Lake pl.
Francis Joseph Handel	Buffalo, N. Y.	1151 Chapel st.
John Babinger Hart	Cincinnati, O.	527 P.
Wells Southworth Hastings	Morristown, N. J.	112 College st.
Laurent Heaton	Hartford, Conn.	214 D.
William Worthington Herrick	Tampa, Fla.	314 Crown st.
George Ainslie Hewett	Louisville, Ky.	1151 Chapel st.
Theodore Brown Hewitt	Williamstown, Mass.	162 P.
James Crane Higgins	East Orange, N. J.	217 York st.
Orrin Thrall Higgins	Olean, N. Y.	250 York st.
William Alvin Higgins	Flemington, N. J.	205 Crown st.
George Washington Hitner	Pottstown, Pa.	593 P.
Laurence Chaffee Holden	New York City	1151 Chapel st.
Lucius Hudson Holt	Hartford, Conn.	583 P.
Henry Stewart Hooker	Washington, D. C.	155 Elm st.
William Brian Hooker	Farmington, Conn.	476 Elm st.
Charles Sterns Hopkins	Bangor, Me.	1076 Chapel st.
Philip Mead Howe	South Windsor, Conn.	219 York st.
Samuel Henry Howe, Jr.	Norwich, Conn.	272 L.
Harry Mortimer Hubbell	E. Wallingford, Conn.	12 University pl.
Brewster Terry Hudson	Rochester, N. Y.	1151 Chapel st.
John Joseph Hughes	Lansingburg, N. Y.	210 Prospect st.
George Huntington Hull, Jr.	Tuxedo Park, N. Y.	242 York st.
Howard Donald Humiston	Minneapolis, Minn.	208 Canner st.
Joseph Read Hunter	Oak Park, Ill.	333 York st.
Roswell Bishop Hyatt	Meriden, Conn.	120 High st.
Alvan Waldo Hyde	Hartford, Conn.	551 P.
Frederick Francis Whitney Jackson	West Haven, Conn.	West Haven
D L James	Kansas City, Mo.	579 P.
Floyd Welman Jefferson	Louisville, Ky.	1151 Chapel st.
John Alden Stewart Johnson	Winnetka, Ill.	539 P.
Leslie Morgan Johnston	Westmoreland, N. Y.	68 Mechanic st.
Charles Herbert Jones	New York City	A.
Edgar Allen Jones	Scranton, Pa.	1157 Chapel st.
Paul Jones	Wilkes-Barre, Pa.	116 High st.
Allan Wilkes Judd	Honolulu, H. I.	224 D.
Frederic Rose Keator	Rock Island, Ill.	238 York st.
Herman Warren Knox	New York City	250 York st.
Walter Martin Krementz	Newark, N. J.	250 York st.
William Paul Lanagan	Exeter, N. H.	119 Wall st.

Merritt Proctor Lancaster	<i>Lexington, Ky.</i>	237 York st.
Harry Langdon Laws	<i>Cincinnati, O.</i>	248 York st.
George Lear, 2d	<i>Doylestown, Pa.</i>	333 York st.
Eugene Selden Leavell	<i>Houston, Tex.</i>	114 High st.
Burton Howard Lee	<i>New Haven, Conn.</i>	146 Lamberton st.
Dudley Payne Lewis	<i>Springfield, Mass.</i>	237 York st.
George Gould Lincoln	<i>Washington, D. C.</i>	159 Elm st.
Roy Alton Lincoln	<i>Albany, N. Y.</i>	566 P.
George Walter Lindenberg	<i>Columbus, O.</i>	250 York st.
Herman Wolfe Londoner	<i>Denver, Col.</i>	1151 Chapel st.
Benjamin Robbins Curtis Low	<i>Brooklyn, N. Y.</i>	250 York st.
Ethelbert Ide Low	<i>Brooklyn, N. Y.</i>	250 York st.
Arthur Crosby Ludington	<i>New York City</i>	64 High st.
Huc Mazelet Luquiens	<i>New Haven, Conn.</i>	201 Bishop st.
Willard Blackinton Luther	<i>Providence, R. I.</i>	528 P.
Walter Lester Lyon	<i>New York City</i>	7 Library st.
John Hart McAlarney	<i>Harrisburg, Pa.</i>	1076 Chapel st.
Thomas Aloysius McAvoy	<i>Worcester, Mass.</i>	237 York st.
Samuel Edward McConnico	<i>Vaiden, Miss.</i>	384 Crown st.
Howard George McDowell	<i>Cohoes, N. Y.</i>	1151 Chapel st.
John Clute McDowell	<i>Cohoes, N. Y.</i>	1151 Chapel st.
Frank Eugene McGouldrick	<i>Cherryfield, Me.</i>	96 S. M.
John Sample McKelvy, Jr.	<i>Pittsburg, Pa.</i>	157 York st.
James Nelson Mandeville	<i>Webster, N. Y.</i>	95 S. M.
Alfred Edgerton Manierre	<i>Chicago, Ill.</i>	534 P.
Elmer Brown Mason	<i>Chicago, Ill.</i>	250 York st.
Frank Tucker Mason	<i>Brooklyn, N. Y.</i>	159 F.
Norman Howell Mason	<i>Chicago, Ill.</i>	588 P.
Roy Murdoch Mason	<i>Chicago, Ill.</i>	250 York st.
Howard Olcott Mather	<i>Suffield, Conn.</i>	18 Ashmun st.
Henry Sargent Mead	<i>Dayton, O.</i>	1076 Chapel st.
Graham Kingsbury Mellen	<i>New Haven, Conn.</i>	39 College st.
Payson McLane Merrill	<i>New York City</i>	22 College st.
Charles Conrad Meyer	<i>Louisville, Ky.</i>	1151 Chapel st.
Christian Meyer, Jr.	<i>Webster, N. Y.</i>	58 W. D.
Charles Duncan Miller	<i>New York City</i>	166 York st.
Martin Peck Miller	<i>Westfield, Mass.</i>	261 L.
Charles Arthur Moore, Jr.	<i>Brooklyn, N. Y.</i>	248 York st.
Malcolm Moore	<i>Buffalo, N. Y.</i>	1151 Chapel st.
Rodman Wister Moorhead	<i>Pittsburg, Pa.</i>	261 L.
John Morgan	<i>Rome, N. Y.</i>	132 Wall st.
Binnie Morison	<i>Montclair, N. J.</i>	9 Library st.
Herbert Edwin Morris	<i>New Haven, Conn.</i>	408 Crown st.
William Thomas Mullally	<i>New York City</i>	261 Crown st.

George Guy Murphy	Bridgeport, Conn.	65 W. D.
Frank Wells Nevins	Stamford, Conn.	226 York st.
Downer Hazen Newell	St. Johnsbury, Vt.	384 Crown st.
Alexander Nicoll	New York City	238 York st.
Robert Bruce Nisbet	Rome, N. Y.	24 Home pl.
Edwin Gates Norman	Ledyard, Conn.	373 Crown st.
Robert Castle Norton	Cleveland, O.	569 P.
George Woodward Noyes	Cincinnati, O.	544 P.
John Frank O'Callaghan	Hartford, Conn.	316 Crown st.
Elwood Luther Orwig, Jr.	Lansford, Pa.	242 York st.
Albion Gile Peirce	Methuen, Mass.	21 Lynwood st.
Harry Alfred Peters	Allentown, Pa.	165 York st.
Benjamin Judah Phelps	West Suffield, Conn.	18 Ashmun st.
Ike Gray Phillips	Winchester, Tenn.	130 Howe st.
Jay Morse Pickands	Cleveland, O.	569 P.
Howard Weidner Pierce	New Brighton, Pa.	310 Elm st.
Lucius Beverly Pond	Unionville, Conn.	142 F.
Arthur Morse Potter	Denver, Col.	119 Wall st.
Roderick Potter	Buffalo, N. Y.	271 L.
Thomas Danford Potwin	East Windsor, Conn.	365 WH.
Robert Pritchard	Brockton, Mass.	259 L.
Arthur Almeron Quinby	Orange, N. J.	159 Elm st.
Laurance Blanchard Rand	Lawrence, N. Y.	250 York st.
Kersey Coates Reed	Kansas City, Mo.	1151 Chapel st.
Dorrance Reynolds	Wilkes-Barre, Pa.	576 P.
Henry Suydam Reynolds	New York City	270 Crown st.
George Irving Rhoda	Gloversville, N. Y.	359 WH.
Milo Barnum Richardson, Jr.	Lime Rock, Conn.	1076 Chapel st.
Edward Hammond Risley	Waterbury, Conn.	146 College st.
Harry Miller Robbins	St. Paul, Minn.	248 York st.
Joseph Lawrence Robbins	Sac City, Iowa	158 F.
Charles Asaph Roberts	Hartford, Conn.	41 High st.
Walter Farley Roberts	Utica, N. Y.	1076 Chapel st.
Henry Alexander Rogers	New Haven, Conn.	75 Broadway
Henry Pendleton Rogers, Jr.	New York City	324 W.
Albert Edward Roraback	Canaan, Conn.	35 College st.
Bronson Case Rumsey, 3d	Buffalo, N. Y.	237 York st.
Charles Cooke Russ	Hartford, Conn.	538 P.
Henry Camp Russ	Hartford, Conn.	538 P.
Henry Moore Russell, Jr.	Wheeling, W. Va.	250 York st.
Ralph Ryan	Sharon, Conn.	82 Spring st.
Charles Felix Samson	Morristown, N. J.	250 York st.
Curtiss Aldrich Sanford	Yonkers, N. Y.	159 York st.
Hugh Satterlee	Rochester, N. Y.	248 York st.

John Joseph Scanlan	<i>New Haven, Conn.</i>	40 Gregory st.
Gustav Schwab, 4th	<i>New York City</i>	91 Park st.
George Howard Sellers	<i>Buffalo, N. Y.</i>	129 Howe st.
Henry Stoddard Sherman	<i>Cleveland, O.</i>	561 P.
William Richard Sidenberg	<i>New York City</i>	238 York st.
Ralph Merriam Simonds	<i>S. Westminster, Mass.</i>	133 Wall st.
Frank Huestis Sincerbeaux	<i>Moravia, N. Y.</i>	418 B.
Edward Levi Skinner	<i>Westfield, N. Y.</i>	567 P.
Frank Joseph Sladen	<i>Portland, Oregon</i>	580 P.
Aubrey Adam Smith	<i>St. Edward, Nebr.</i>	242 York st.
Charles William Smith	<i>Easthampton, Mass.</i>	142 F.
George Kennedy Smith	<i>New York City</i>	1076 Chapel st.
Herbert William Smith	<i>North Haven, Conn.</i>	North Haven
Keith Smith	<i>Chicago, Ill.</i>	1076 Chapel st.
Scott Lord Smith	<i>South Wilton, Conn.</i>	1076 Chapel st.
Franklin Maynard Spear	<i>Lowell, Mass.</i>	233 D.
Roger Allen Spencer	<i>Jasper, N. Y.</i>	420 B.
Lyman Strong Spitzer	<i>Toledo, O.</i>	546 P.
George Emanuel Stansfield	<i>Midland Park, N. J.</i>	210 Prospect st.
Edwin Allen Stebbins	<i>Rochester, N. Y.</i>	567 P.
Porter Steele	<i>Brooklyn, N. Y.</i>	582 P.
Melville Alphonse Stern	<i>New York City</i>	556 P.
George Washington Stewart, Jr.	<i>Rutland, Vt.</i>	231 York st.
Henry Budington Stoddard	<i>Bridgeport, Conn.</i>	552 P.
Samuel Harold Stone	<i>Syracuse, N. Y.</i>	250 York st.
Frederick Harvey Strong	<i>Portland, Oregon</i>	219 York st.
Rush Sturges	<i>Providence, R. I.</i>	248 York st.
Joseph Rockwell Swan, Jr.	<i>Utica, N. Y.</i>	203 York st.
Henry Lee Sweinhart	<i>Pottstown, Pa.</i>	127 Dwight st.
John Taber	<i>Auburn, N. Y.</i>	594 P.
Charles Denison Talcott	<i>Talcottville, Conn.</i>	143 F.
Louis Hart Talcott	<i>Talcottville, Conn.</i>	219 York st.
Morris Gardner Talcott	<i>Talcottville, Conn.</i>	219 York st.
Alan McLean Taylor	<i>Mansfield, O.</i>	248 York st.
Bernard George Teel	<i>Wells, Me.</i>	538 P.
William Romer Teller	<i>Kingston, N. Y.</i>	1076 Chapel st.
John Ferguson Tenney	<i>Methuen, Mass.</i>	21 Lynwood st.
Lyndon Blaine Tewksbury	<i>Bangor, Me.</i>	144 Park st.
Henry Clarke Thacher	<i>New Haven, Conn.</i>	91 Park st.
Charles Seymour Thompson	<i>New Haven, Conn.</i>	127 N.
Richard Barber Tillinghast	<i>New York City</i>	598 P.
Harry Warren Tompkins	<i>Matteawan, N. Y.</i>	223 York st.
Mason Trowbridge	<i>Chicago, Ill.</i>	120 High st.
Thomas Nugent Troxell	<i>West Pittston, Pa.</i>	119 Wall st.

Willis Gaylord Tucker, Jr.	<i>Albany, N. Y.</i>	88 Lake pl.
William Butler Tyler	<i>New Haven, Conn.</i>	34 College st.
James Alden Valentine	<i>Breckinridge, Minn.</i>	38 Lynwood st.
Reginald Claypool Vanderbilt	<i>New York City</i>	7 v.
Dorr Viele	<i>Buffalo, N. Y.</i>	330 w.
Joseph Hill Walker	<i>Fairfield, Tenn.</i>	130 Howe st.
George Burwell Ward	<i>Bristol, Conn.</i>	159 F.
Samuel Dwight Ward	<i>Albany, N. Y.</i>	250 York st.
Henry Goodman Waters	<i>Buffalo, N. Y.</i>	1151 Chapel st.
Arthur Yancey Wear	<i>St. Louis, Mo.</i>	543 P.
William Robinson Weeks	<i>Easton, Conn.</i>	126 Wall st.
Bradley Agard Welch	<i>Torrington, Conn.</i>	312 w.
Paul Hamilton Welch	<i>Brooklyn, N. Y.</i>	161 F.
Henry Frank Wells	<i>New York City</i>	165 F.
John Jared Welsh	<i>South Orange, N. J.</i>	119 Park st.
Homer Augustus Wessel, Jr.	<i>Cincinnati, O.</i>	1076 Chapel st.
Arthur Stanley Wheeler	<i>New Haven, Conn.</i>	86 Trumbull st.
Charles Dean White	<i>Auburn, N. Y.</i>	180 Willow st.
Percy Gardiner White	<i>Gardiner, Me.</i>	203 York st.
Frederic Averill Whittlesey	<i>Hotchkissville, Conn.</i>	62 Lake pl.
Theodore Harry Wickwire, Jr.	<i>Cortland, N. Y.</i>	170 York st.
Thomas Edward Wilde	<i>Washington, D. C.</i>	82 Wall st.
Mark Skinner Willing	<i>Chicago, Ill.</i>	155 Elm st.
John Wilson	<i>Germantown, Pa.</i>	333 York st.
George Edward Woodbine	<i>Medfield, Mass.</i>	21 Lynwood st.
Samuel Dudley Woodhouse	<i>Wethersfield, Conn.</i>	233 D.
Arthur Peter Wright	<i>Baldwinsville, Mass.</i>	1010 Chapel st.
James Wright	<i>New York City</i>	270 Crown st.
John Niel McLeod Wylie	<i>Philadelphia, Pa.</i>	524 P.
Bartlett Golden Yung	<i>Hartford, Conn.</i>	214 D.

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## SUMMARY

SENIORS	.	.	.	.	.	300
JUNIORS	.	.	.	.	.	320
SOPHOMORES	.	.	.	.	.	271
FRESHMEN	.	.	.	.	.	333
						<hr/> 1224

# SHEFFIELD SCIENTIFIC SCHOOL

## GRADUATE STUDENTS

Munson Darwin Atwater, B.A. } Indiana University 1894	Bloomington, Ind.	22 Carmel st.
Joseph Barrell, M.S. } Lehigh Univ. 1897	New Providence, N. J.	373 Crown st.
Alling Prudden Beardsley, B.A. } Wesleyan University 1898	Derby, Conn.	Derby
Bernhard Beinecke, PH.B. } Yale University 1898	New York City	36 Elm st.
Winchester Bennett, PH.B. } Yale University 1897	New Haven, Conn.	258 Church st.
Frederick Courtney Bishop, M.D. } Yale University 1895	New Haven, Conn.	1223 Chapel st.
Zakar Elijah Boyajian, B.A. } Euphrates College 1895	Harpoot, Turkey	249 Crown st.
Margaret Robinson Brendlinger, B.A. } Vassar College 1895	Philadelphia, Pa.	Norwalk
Arthur Brewer, PH.B. } Yale University 1897	New Haven, Conn.	418 Orange st.
James Ansel Brooks, PH.B. } Yale University 1898	Derby, Conn.	66 Audubon st.
Curtis Palmer Brown, PH.B. } Yale University 1897	New Haven, Conn.	220 Lawrence st.
Ernest William Brown, PH.B. } Yale University 1897	New Haven, Conn.	106 Sherman av.
Burr Clark Chamberlin, PH.B. } Yale University 1897	Dalton, Mass.	332 Temple st.
William Churchill, B.A. } Yale University 1897	New Britain, Conn.	100 W. D.
George Harry Clark, PH.B. } Yale University 1896	New Haven, Conn.	125 Spring st.
Herdman Fitzgerald Cleland, B.A. } Oberlin College 1894	Pierce, Nebr.	55 N. S. H.
Charles Montague Cooke, Jr., B.A. } Yale University 1897	Honolulu, H. I.	343 George st.
Walter Wells Davis, B.S. } Upper Iowa Univ. 1893, B.A. Leland Stanford Jr. Univ. 1897	Maynard, Iowa	Gymnasium
Lee DeForest, PH.B. } Yale University 1896	Talladega, Ala.	387 Temple st.
Gaston Holcomb Edwards, PH.B. } Yale University 1897	Granby, Conn.	57 Prospect st.

Bennett William Farnham, PH.B. } Yale University 1897	Westville, Conn.	Westville
George Wilbur Fiske Gillette, PH.B. } Yale University 1896	New Haven, Conn.	9 Eld st.
Herbert Ernest Gregory, B.A. } Yale University 1896	Neligh, Nebr.	55 N. S. H.
John Lewis Gregory, PH.B. } Yale University 1897	Cannon, Conn.	200 Grove st.
Matthew Griswold, Jr., PH.B. } Yale University 1888	Erie, Pa.	A.
Josiah Harmar, PH.B. } Yale University 1892	Philadelphia, Pa.	A.
Joseph Culver Hartzell, M.S. } U. S. Grant University 1895	Baltimore, Md.	74 Lake pl.
James Ladd Hitchcock, PH.B. } Yale University 1897	Buffalo, N. Y.	120 High st.
Howard Maxwell Ingham, PH.B. } Yale University 1897	Philadelphia, Pa.	117 Wall st.
Howard Chapin Ives, PH.B. } Yale University 1898	West Cheshire, Conn.	625 George st.
Holmes Condict Jackson, PH.B. } Yale University 1896	Newark, N. J.	2 Hillhouse av.
Treat Baldwin Johnson, PH.B. } Yale University 1898	Bethany, Conn.	60 Grove st.
Richard Shelton Kirby, C.E. } Yale University 1898	Port Chester, N. Y.	317 Crown st.
Edwin Hoyt Lockwood, M.E. } Yale University 1892	New Canaan, Conn.	55 Prospect st.
William Crosby Marshall, M.E. } Yale University 1894	New Haven, Conn.	472 Orange st.
Edward Eastman Minor, PH.B. } Yale University 1896	New Haven, Conn.	123 Columbus av.
John Killam Murphy, B.A. } Yale Univ. 1897, PH.B. Yale Univ. 1898	New Haven, Conn.	85 Sachem st.
Henry Hotchkiss Murray, PH.B. } Yale University 1893	Viola, Del.	A.
Julius Olsen, B.S. } Bethany Coll. (Kansas) 1898	Norway, Kansas	218 Mansfield st.
William Huntington Parker, B.S. } Worcester Polytechnic Inst. 1893	New Haven, Conn.	648 Elm st.
Charles Adams Peters, B.S. } Boston University 1897	Worcester, Mass.	74 Lake pl.
William Kinney Pike, PH.B. } Yale University 1897	S. Killingly, Conn.	A.
Miles Albion Pond, PH.B. } Yale University 1892	Torrington, Conn.	57 Grove st.
Charles Theodore Ramsden, PH.B. } Yale University 1896	Santiago de Cuba, Cuba	A.

Frederick Archer Raymond, PH.B. Yale University 1896	{	<i>Norwalk, Conn.</i>	196 Grove st.
Chauncey Brewster Rice, PH.B. Yale University 1894			
William Edward Selin, B.A. Yale University 1898	{	<i>Chicago, Ill.</i>	63 W. D.
Horace Emerson Setchell, PH.B. Yale University 1897			
William Kent Shepard, PH.B. Yale University 1897	{	<i>New Haven, Conn.</i>	48 N. S. H.
Chester Stone Spencer, PH.B. Yale University 1894			
Frederic Clarence Spencer, PH.B. Yale University 1893	{	<i>Old Saybrook, Conn.</i>	58 N. S. H.
Frederick Noyes Sperry, M.D. Yale University 1894			
Alfred Hall Stevens, PH.B. Yale University 1893	{	<i>Clinton, Conn.</i>	A.
William Valentine, PH.B. Yale University 1897			
Joseph King VanDenburg, B.A. Wesleyan University 1895	{	<i>Fort Edward, N. Y.</i>	78 Lake pl.
Cornelius Vanderbilt, Jr., B.A. Yale University 1895, PH.B. Yale University 1898			
Charles Hyde Warren, PH.B. Yale University 1896	{	<i>Watertown, Conn.</i>	57 N. S. H.
Lynde Phelps Wheeler, PH.B. Yale University 1894			
William Arthur Whitcomb, PH.B. Yale University 1895 and De Pauw University 1894	{	<i>Glens Falls, N. Y.</i>	A.



## SENIOR CLASS

William Munn Ames	<i>Plantsville, Conn.</i>	13 E. D.
Charles Wilson Andrews	<i>Litchfield, Conn.</i>	86 Wall st.
John Foster Archbold	<i>New York City</i>	133 College st.
Adolph Borie Babcock	<i>Chicago, Ill.</i>	131 Grove st.
Henry Kimberly Babcock	<i>Neenah, Wisc.</i>	90 Wall st.
William James Backes	<i>Hartford, Conn.</i>	143 College st.
Harley Chester Backus	<i>New Haven, Conn.</i>	26 Forbes av.
Herbert Wesley Bates	<i>Lynn, Mass.</i>	109 Wall st.
Archibald Marshall Bell	<i>Allegheny, Pa.</i>	131 Grove st.
Hamilton Fish Benjamin	<i>Garrison, N. Y.</i>	133 College st.
Howard Edward Boardman	<i>Meriden, Conn.</i>	79 Wall st.
Alexander Wallace Botkin	<i>Helena, Mont.</i>	86 Wall st.
Philip Rudolph Brand	<i>Chicago, Ill.</i>	96 Wall st.
William McKenzie Brown	<i>Yalesville, Conn.</i>	Yalesville
William Heaney Buell	<i>Clinton, Conn.</i>	287 York st.
Donald Palmer Cameron	<i>Salt Lake City, Utah</i>	96 Wall st.
Henry Seidel Canby	<i>Wilmington, Del.</i>	86 Wall st.
Charles Joseph Carroll	<i>Towanda, Pa.</i>	13 E. D.
Raymond Gustavus Clapp	<i>Northampton, Mass.</i>	36 Elm st.
Henry Skyrin Clark	<i>Cincinnati, O.</i>	131 Grove st.
Robert Sterling Clark	<i>New York City</i>	77 Wall st.
Walter Rockwell Clark	<i>Shelton, Conn.</i>	82 Whalley av.
Frederick Sears Coe	<i>Newark, N. J.</i>	99 Wall st.
Carle Cotter Conway	<i>Oak Park, Ill.</i>	17 Hillhouse av.
Arthur Frank Corwin	<i>New Haven, Conn.</i>	133 College st.
John Chandler Dallam	<i>Evansville, Ind.</i>	110 Wall st.
Paul Nelson Dann	<i>New Haven, Conn.</i>	539 Orange st.
Philip Thornton Dashiell	<i>Bustleton, Pa.</i>	131 Grove st.
Howard Lee Davis	<i>Cincinnati, O.</i>	138 College st.
Osborn Atwater Day	<i>New Haven, Conn.</i>	131 Grove st.
Sidney Dillon	<i>North Platte, Neb.</i>	119 Wall st.
George Potter Docker	<i>Fairfield, Conn.</i>	90 Wall st.
Lee Wilson Dodd	<i>New York City</i>	313 York st.
Richard Julian Donnelly	<i>Oxford, N. Y.</i>	
Daniel Patrick Doohan	<i>Fair Haven, Conn.</i>	193 Lexington av.
Robert Livingston Dunn	<i>Tidioute, Pa.</i>	111 Grove st.
Alfred Howlett Durston	<i>Syracuse, N. Y.</i>	131 Grove st.
Guy King Dustin	<i>Hartford, Conn.</i>	133 Wall st.
Edwin Milo Eddy	<i>Bay City, Mich.</i>	131 Grove st.
Walter Louis Ehrich	<i>Colorado Springs, Col.</i>	119 Wall st.
John Henry Finley	<i>Sterling, Conn.</i>	1010 Chapel st.

Thomas Rawdon Fisher, Jr.	<i>New Rochelle, N. Y.</i>	22 College st.
John Milton Fiske, Jr.	<i>Chicago, Ill.</i>	107 Wall st.
Edwin Leslie Fletcher	<i>New York City</i>	337 Orange st.
Robert Philip Flint	<i>Los Angeles, Cal.</i>	17 Hillhouse av.
Henry de Bretton Forbes	<i>West Haven, Conn.</i>	West Haven
William Ebenezer Ford, Jr.	<i>New Haven, Conn.</i>	16 Lynwood st.
Frederic Henry Beecher Fowler	<i>New Haven, Conn.</i>	108 Humphrey st.
Charles James Freeborn	<i>Paris, France</i>	111 Grove st.
David Huyler Gaines	<i>New York City</i>	117 Wall st.
John Walter Gannon	<i>Washington, D. C.</i>	231 York st.
Harry Courtlandt Gause	<i>Wilmington, Del.</i>	86 Wall st.
Louis Allston Gillet	<i>Chicago, Ill.</i>	96 Wall st.
Julian Henry Goodman	<i>New Haven, Conn.</i>	11 Home pl.
Burnett Goodwin	<i>New Haven, Conn.</i>	119 Wall st.
Richmond Macleod Graff	<i>Pittsburg, Pa.</i>	131 Grove st.
Edwin Joseph Grant	<i>Franklin, Pa.</i>	313 York st.
Richard Frank Grant	<i>Fargo, N. Dak.</i>	150 Grove st.
Harry LeBreton Gray	<i>Springfield, Mass.</i>	128 High st.
John Cameron Greenleaf	<i>Lenox, Mass.</i>	133 College st.
Ward Slosson Gregory	<i>Norwalk, Conn.</i>	36 Elm st.
Dudley Guilford	<i>Lansdowne, Pa.</i>	86 Wall st.
Clinton Mudge Hall	<i>New Orleans, La.</i>	133 College st.
George Raymond Hall	<i>Philadelphia, Pa.</i>	39 College st.
Frederick Brown Harrison	<i>New Haven, Conn.</i>	83 Grove st.
Charles Gardner Hart	<i>Bethel, Conn.</i>	107 Wall st.
John Gibson Hazard	<i>Peace Dale, R. I.</i>	110 Wall st.
John Milton Henderson	<i>Waterbury, Conn.</i>	107 Wall st.
Herbert Thacker Herr	<i>Denver, Col.</i>	111 Grove st.
James Albert Hogle	<i>Salt Lake City, Utah</i>	111 Grove st.
Nelson Arthur Howard	<i>Brownsburg, Canada</i>	96 Wall st.
Harry Arthur Stevens Howarth	<i>New Haven, Conn.</i>	34 Vernon st.
Harry Terry Hulst	<i>Milwaukee, Wisc.</i>	135 College st.
Frederick Brown Humphreys	<i>New York City</i>	133 College st.
James Barrett Monroe Hunker	<i>Brooklyn, N. Y.</i>	99 Wall st.
Francis Sherman Hunn	<i>New Haven, Conn.</i>	91 George st.
James Clarke Jeffery	<i>Chicago, Ill.</i>	96 Wall st.
John Holmes Johnston	<i>New York City</i>	109 Wall st.
Frederick Morton Jourdan	<i>Branford, Conn.</i>	36 Elm st.
John Kellogg, Jr.	<i>Amsterdam, N. Y.</i>	119 Wall st.
William Windus Knight	<i>St. Louis, Mo.</i>	17 Hillhouse av.
Richard Paul Kraft	<i>New Haven, Conn.</i>	208 Orchard st.
Richard Steele Lamb	<i>Waterbury, Conn.</i>	36 Elm st.
Clifford Langley	<i>New Haven, Conn.</i>	229 Blatchley av.
Elisha Sears Lewis	<i>Springfield, Mass.</i>	96 Wall st.

Frank Herman Lindenberg	<i>Columbus, O.</i>	119 Wall st.
Otto Hayes Lindenberg	<i>Columbus, O.</i>	17 Hillhouse av.
George James Warner Mabee, Jr.	<i>Denver, Col.</i>	96 Wall st.
Edward Armstrong McCullough	<i>Irvington, N. Y.</i>	17 Hillhouse av.
Edward Everett Marshall	<i>Philadelphia, Pa.</i>	111 Grove st.
Franklin Hobart Miles	<i>Ansonia, Conn.</i>	109 High st.
Osmond Leigh Miller	<i>Stratford, Conn.</i>	126 High st.
Leeds Mitchell	<i>Chicago, Ill.</i>	131 Grove st.
Hunter Morrison	<i>Cincinnati, O.</i>	332 Temple st.
Albert Willard Morse	<i>Brooklyn, N. Y.</i>	104 Wall st.
Herbert Bernhard Moses	<i>New York City</i>	107 Wall st.
William Washburn Mursick	<i>Nyack, N. Y.</i>	119 Wall st.
Albert Cordoza Newcombe	<i>New York City</i>	135 College st.
Henry Archibald North	<i>Chicago, Ill.</i>	104 Wall st.
Thomas Augustine O'Brien	<i>New Haven, Conn.</i>	230 Oak st.
Alfred Whipple Olds	<i>Hartford, Conn.</i>	77 Wall st.
Albert Josiah Osgood	<i>New Haven, Conn.</i>	747 George st.
Carl King Palmer	<i>Danville, Ill.</i>	111 Grove st.
Oliver Henry Perry	<i>Southport, Conn.</i>	99 Wall st.
Leopold Schuyler Quackenbush	<i>New York City</i>	332 Temple st.
Walter Murray Sanders	<i>Montclair, N. J.</i>	111 Grove st.
Edwyn deNormandie Sands	<i>New York City</i>	133 College st.
Charles Augustus Hecksher deSaulles	<i>S. Bethlehem, Pa.</i>	131 Grove st.
Edward Nelson Saunders, Jr.	<i>St. Paul, Minn.</i>	332 Temple st.
Philip Rasselas Sears	<i>Kenilworth, Ill.</i>	1044 Chapel st.
Frank Earle Seeley	<i>Bridgeport, Conn.</i>	99 Wall st.
Sidney Frank Shattuck	<i>Neenah, Wisc.</i>	111 Grove st.
George Francis Sheedy	<i>Bridgeport, Conn.</i>	122 Wall st.
George Hall Smith	<i>Chicago, Ill.</i>	1044 Chapel st.
Robert Ellsworth Smith	<i>New Haven, Conn.</i>	251 Crown st.
William Edwin Stanley	<i>Chicago, Ill.</i>	150 Grove st.
Louis Talcott Stone	<i>Mohawk, N. Y.</i>	1 Hillhouse av.
Gilbert Cornwell Summerfield	<i>Brooklyn, N. Y.</i>	96 Wall st.
Samuel Brady Sutphin	<i>Cincinnati, O.</i>	131 Grove st.
Alfred Howe Terry, B. A. } Yale University 1898 }	<i>Knoxville, Tenn.</i>	30 Hillhouse av.
Seth Edward Thomas, Jr.	<i>New York City</i>	111 Grove st.
Leslie Helfenstein Thompson	<i>Webster Groves, Mo.</i>	17 Hillhouse av.
Myron Turner Townsend	<i>New York City</i>	17 Hillhouse av.
Benjamin Fred Tritch	<i>Denver, Col.</i>	111 Grove st.
Herbert Forsythe VanEvery	<i>Brooklyn, N. Y.</i>	96 Wall st.
Darius Thompson Wadhams	<i>Torrington, Conn.</i>	126 High st.
James Theodore Walker	<i>St. Louis, Mo.</i>	133 College st.
William Walker	<i>Montclair, N. J.</i>	111 Grove st.

Edward Carson Waller, Jr.	<i>River Forest, Ill.</i>	1151 Chapel st.
James McLean Walton	<i>Ridgewood, N. J.</i>	133 College st.
Clarence Arthur Warden	<i>Philadelphia, Pa.</i>	133 College st.
Frank Herbert Warren, Jr.	<i>Chicago, Ill.</i>	107 Wall st.
Frederick Parker Warren	<i>Philadelphia, Pa.</i>	1 Hillhouse av.
Willis Ogden Warren	<i>New York City</i>	17 Hillhouse av.
Daniel Brewster Watson	<i>New Haven, Conn.</i>	92 Dwight st.
Clarence Eugene Weaver	<i>S. Woodstock, Conn.</i>	65 Spring st.
Clifford Yale Welles	<i>Wethersfield, Conn.</i>	128 High st.
Richard Norris Wilcox	<i>New York City</i>	22 College st.
Samuel Wolf	<i>New Haven, Conn.</i>	470 Elm st.
Charles Sherman Wray	<i>New York City</i>	109 Wall st.

SENIORS, 140

## JUNIOR CLASS

Gerard Barry Allen	<i>St. Louis, Mo.</i>	22 College st.
John Appleton Allen	<i>New York City</i>	105 Wall st.
Gilmor Meredith Barroll	<i>Elizabeth, N. J.</i>	111 Grove st.
Jeremiah Hotchkiss Bartholomew	<i>Ansonia, Conn.</i>	130 Wall st.
James Bull Bassett	<i>Derby, Conn.</i>	61 Grove st.
William Rascoe Bassick	<i>Bridgeport, Conn.</i>	133 College st.
Sterling Bell	<i>New York City</i>	17 Hillhouse av.
Roland Whitney Betts	<i>Brooklyn, N. Y.</i>	117 Wall st.
Charles Albert Bishop	<i>New Haven, Conn.</i>	131 Bradley st.
William David Brennan	<i>St. Paul, Minn.</i>	113 Wall st.
Alexander Montgomery Brooks	<i>Pittsburg, Pa.</i>	1 Hillhouse av.
Horace Spalding Brown	<i>Longmeadow, Mass.</i>	131 Grove st.
William Knight Brown	<i>Denver, Col.</i>	113 Wall st.
Hugh Eleazer Burbank	<i>West Haven, Conn.</i>	West Haven
Irving Edward Burdick	<i>Dansville, N. Y.</i>	61 Grove st.
Coler Campbell	<i>Evanston, Ill.</i>	1 Hillhouse av.
Frederic James Carnell	<i>Plainville, Conn.</i>	138 College st.
Everitte St. John Chaffee	<i>Amenia, N. Y.</i>	77 W. D.
Ralph Emerson Chapin	<i>Fort Wayne, Ind.</i>	64 Lake pl.
Walter Thomas Charles	<i>Chicago, Ill.</i>	61 Grove st.
Clifton Chisholm	<i>Cleveland, O.</i>	119 Wall st.
Alfred Knight Chittenden	<i>New Haven, Conn.</i>	83 Trumbull st.
Alfred Tennyson Clark	<i>Philadelphia, Pa.</i>	166 Meadow st.
Edwin Hill Clark	<i>Chicago, Ill.</i>	17 Hillhouse av.
Kenneth Kingsley Clarke	<i>Allegheny, Pa.</i>	124 Wall st.
Alfonzo Rockwell Cluett	<i>Troy, N. Y.</i>	133 College st.
John Edward Collins	<i>West Haven, Conn.</i>	West Haven
William Wakefield Corbet	<i>Brookville, Pa.</i>	293 York st.
William Lathrop Cowdrey	<i>Pittsburg, Pa.</i>	99 Wall st.
George Nellis Crouse	<i>Syracuse, N. Y.</i>	17 Hillhouse av.
Eliot Cutter	<i>Brooklyn, N. Y.</i>	133 College st.
Edward Clarence Dean	<i>Washington, D. C.</i>	135 Wall st.
Edward Layton deForest	<i>Westhampton Beach, N. Y.</i>	133 College st.
Donald Lee DeGolyer	<i>Evanston, Ill.</i>	1 Hillhouse av.
Francis McLean Dickinson	<i>Rockville, Conn.</i>	103 Park st.
Charles Mason Dow, Jr.	<i>Jamestown, N. Y.</i>	96 Wall st.
Wyllis Edmund Dowd, Jr.	<i>New York City</i>	131 Grove st.
Charles Tarbell Dudley	<i>Washington, D. C.</i>	133 College st.
George Walter Dudley	<i>New Haven, Conn.</i>	526 George st.
Samuel William Dudley	<i>Westville, Conn.</i>	Westville

Henry Forrest Dutton, Jr.	Gainesville, Fla.	110 Wall st.
Amos Trowbridge Dwight	Brooklyn, N. Y.	110 Wall st.
Malcolm Mayer Eckhardt	Hartford, Conn.	22 College st.
William Joseph Ehrich	New York City	114 High st.
Carl Brandes Ely	Bryn Mawr, Pa.	133 College st.
John Ralph Emerson	Ansonia, Conn.	130 Wall st.
John Will Falls	Memphis, Tenn.	110 Wall st.
Arthur George Follett	Townshend, Vt.	22 Whalley av.
William Hanover Fulton	New Haven, Conn.	132 Columbus av.
Harry VanVleck Gifford	Toledo, O.	96 Wall st.
Albert Valdemar Gude	Atlanta, Ga.	293 York st.
Perry Titus Wells Hale	Portland, Conn.	57 Prospect st.
Francis Granger Hall, Jr.	Dansville, N. Y.	135 College st.
Thomas Henry Hall, Jr.	New York City	111 Grove st.
William Edwin Hall	Ridgway, Pa.	117 Wall st.
Howard Melville Hanna, Jr.	Cleveland, O.	1 Hillhouse av.
Walter Theobald Hartmann	Chicago, Ill.	61 Grove st.
Richard Hays Hawkins	Swissvale, Pa.	17 Hillhouse av.
Edgar William Heller	Newark, N. J.	119 Wall st.
Charles Nelson Hickok, 2d	Harrisburg, Pa.	131 Grove st.
Francis Patrick Holden	Meriden, Conn.	Meriden
John Alfred Holland	Cincinnati, O.	99 Wall st.
George Smith Hosea	St. Joseph, Mo.	117 Wall st.
Robert Murray Hosley	New Haven, Conn.	20 Clark st.
Robert Collyer Hosmer	Chicago, Ill.	106 Wall st.
Henry Stuart Hotchkiss	New Haven, Conn.	133 College st.
Edward John House	Allegheny, Pa.	124 Wall st.
William Brewster Hubbard	W. Cornwall, Conn.	40 Lake pl.
Frederick George Hughes	Bridgeport, Conn.	Bridgeport
Norman Roscoe Huselton	Allegheny, Pa.	103 Wall st.
John Hamilton Inman	New York City	133 College st.
James Duane Ireland	New York City	1 Hillhouse av.
William Purviance Irwin	Allegheny, Pa.	111 Grove st.
Edward Lee Ives	Bridgeport, Conn.	117 Wall st.
Louis Tallmadge Jaques	Chicago, Ill.	113 Wall st.
George Rufus Johnson	West Haven, Conn.	West Haven
Alexander deTrommoff Jones	New York City	117 Wall st.
Trumbull Kelly	W. Superior, Wisc.	133 College st.
Sylvester Kennedy	Derby, Conn.	Derby
Francis Julian Kennett, Jr.	Chicago, Ill.	101 Wall st.
Eben Beers Knowlton	Brooklyn, N. Y.	111 Grove st.
Charles Scott Landers	Thurmont, Md.	126 High st.
George Lauder, Jr.	Pittsburg, Pa.	119 Wall st.
Thomas LeBoutillier	New York City	131 Grove st.

Arthur Russell Leeds	<i>Stamford, Conn.</i>	117 Wall st.
Charles Bispham Levey	<i>Elizabeth, N. J.</i>	133 College st.
Walter Lewisohn	<i>New York City</i>	1044 Chapel st.
Clarence Hardin Littell	<i>Buffalo, N. Y.</i>	99 Wall st.
Charles Davenport Lockwood	<i>Stamford, Conn.</i>	152 Grove st.
Henry Luther Loomis	<i>New Rochelle, N. Y.</i>	96 Wall st.
Irving Luria Lyons	<i>New Orleans, La.</i>	110 Wall st.
Charles Cogswell McCord	<i>Milwaukee, Wisc.</i>	117 Wall st.
Raymond Augustus McGee	<i>Plainfield, N. J.</i>	133 College st.
Arthur Beardsley Maynard	<i>Utica, N. Y.</i>	1 Hillhouse av.
Henry Franklin Merriam	<i>Summit, N. J.</i>	113 Wall st.
Mikael Minasian	<i>Adana, Turkey</i>	44 Sperry st.
Theodore Langdon Montague	<i>Chattanooga, Tenn.</i>	96 Wall st.
John William Morey	<i>Denver, Col.</i>	1 Hillhouse av.
James Gasherie DeWitt Morrell	<i>Hartford, Conn.</i>	22 College st.
George Henry Murray, Jr.	<i>Viola, Del.</i>	54 Garden st.
Francis Patrick Nolan	<i>Mt. Carmel, Conn.</i>	Mt. Carmel
Benjamin Vernor Norton	<i>Detroit, Mich.</i>	131 Grove st.
Charles Joel Parker	<i>Coventryville, N. Y.</i>	99 Wall st.
Marshall Custer Parrshall	<i>Warren, Pa.</i>	99 Wall st.
James Graham Parsons	<i>New York City</i>	96 Wall st.
John Jay Peter	<i>Louisville, Ky.</i>	110 Wall st.
Harry Hubbard Pittinger	<i>Brooklyn, N. Y.</i>	96 Wall st.
Harry Longyear Preston	<i>Roxbury, N. Y.</i>	152 Grove st.
Howard Richards, Jr.	<i>New York City</i>	111 Grove st.
Ira Richards, Jr.	<i>N. Attleboro, Mass.</i>	111 Grove st.
William Cary Ross	<i>Knoxville, Tenn.</i>	99 Wall st.
Jasper Morgan Rowland	<i>Greenwich, Conn.</i>	126 High st.
Francis Augustus Ruggles	<i>Washington, D. C.</i>	22 College st.
Edward John Rungee	<i>New Haven, Conn.</i>	5½ Redfield st.
Harley Willis Russ	<i>Haverhill, Mass.</i>	36 Elm st.
Alexander Hammond Rutherford	<i>San Francisco, Cal.</i>	111 Grove st.
Orville Hickok Schell	<i>Harrisburg, Pa.</i>	113 Wall st.
Peirce Davies Schenck	<i>Dayton, O.</i>	117 Wall st.
Chaloner Baker Schley	<i>New York City</i>	22 College st.
Herbert Frank Seward	<i>New Haven, Conn.</i>	132 Bristol st.
Robert McDowell Shoemaker	<i>Wilkes-Barré, Pa.</i>	103 Wall st.
Lee Simon Shoninger	<i>New Haven, Conn.</i>	385 Orange st.
Edmond Norton Skinner	<i>Denver, Col.</i>	117 Wall st.
Ellsworth Johnson Smith	<i>North Haven, Conn.</i>	North Haven
Edwin Newton Snitjer	<i>San José, Cal.</i>	1151 Chapel st.
Jesse Wheat Speidel	<i>Wheeling, W. Va.</i>	103 Wall st.
Charles Comfort Starr	<i>Cornwall, Conn.</i>	60 Grove st.
Paul Sterling	<i>Wilkes-Barré, Pa.</i>	103 Wall st.

Elihu William Stevens	<i>Middletown, Conn.</i>	77 Wall st.
Henry Daniells Stowe	<i>Enfield, Conn.</i>	57 Grove st.
William Strobbridge	<i>Stamford, Conn.</i>	152 Grove st.
Edwin Allen Strong	<i>Hartford, Conn.</i>	133 College st.
Louis Henry Strouse	<i>New Haven, Conn.</i>	143 St. John st.
Robert Barry Sullivan	<i>Denver, Col.</i>	103 Wall st.
Waitstill Hastings Swenarton	<i>Montclair, N. J.</i>	117 Wall st.
John Foster Symes	<i>Denver, Col.</i>	131 Grove st.
Charles Musier Taintor, Jr.	<i>New York City</i>	101 Wall st.
Wyatt Warner Taylor	<i>Stamford, Conn.</i>	110 Wall st.
William Thaw	<i>Allegheny, Pa.</i>	248 York st.
Walter Scott Thomas	<i>Southport, Conn.</i>	144 Park st.
Raynham Townshend	<i>New Haven, Conn.</i>	133 College st.
Louis Schnebly Treadwell	<i>Albany, N. Y.</i>	17 Hillhouse av.
Philip Troup	<i>New Haven, Conn.</i>	8 Trumbull st.
Frank Pell Underhill	<i>Norwalk, Conn.</i>	57 Prospect st.
Andrew Gideon Underwood	<i>Belleville, N. J.</i>	107 Wall st.
William Hall Upham	<i>Meriden, Conn.</i>	Meriden
Rufus Adrian Van Voast	<i>Cincinnati, O.</i>	118 College st.
Joseph Palmer Wadhams	<i>New Haven, Conn.</i>	110 Wall st.
Edward Mansfield Walker	<i>New Haven, Conn.</i>	162 York st.
Harrington Olcott Walton	<i>New York City</i>	1151 Chapel st.
Norman Woodruff Warren	<i>Berlin, Conn.</i>	128 High st.
John Murray Watts	<i>Philadelphia, Pa.</i>	110 Wall st.
Herman Armour Webster	<i>Chicago, Ill.</i>	17 Hillhouse av.
Thomas Gwynne Whaling	<i>Milwaukee, Wisc.</i>	17 Hillhouse av.
John Egbert Wheeler	<i>Portville, N. Y.</i>	103 Wall st.
George Benjamin White	<i>Cooperstown, N. Y.</i>	103 Wall st.
William Henry White	<i>Waterbury, Conn.</i>	96 Wall st.
John Taylor Williams	<i>Frankfort, Ky.</i>	75 Broadway
Joseph Winterbotham, Jr.	<i>Chicago, Ill.</i>	1 Hillhouse av.
Abraham Wolodarsky	<i>New Haven, Conn.</i>	167 Kimberly av.
Cornelius Delano Wood, Jr.	<i>Brooklyn, N. Y.</i>	111 Grove st.
William Gordon Woolfolk	<i>New York City</i>	96 Wall st.
John Conrad Wurts	<i>New Haven, Conn.</i>	9 Trumbull st.

JUNIORS, 163



## FRESHMAN CLASS

Thomas Safford Adams	<i>New York City</i>	124 Wall st.
Harald Allen	<i>Pittsburg, Pa.</i>	119 Wall st.
Howard Frank Allen	<i>Alton, Ill.</i>	389 Temple st.
Percy Williams Alling	<i>New Haven, Conn.</i>	120 Sherman av.
George Edward Armstrong, Jr.	<i>New York City</i>	116 College st.
Morgan Kalani Armstrong	<i>Hampton, Va.</i>	313 York st.
Dorence Keith Atwater	<i>Meriden, Conn.</i>	Meriden
Robert Woodhouse Barbour	<i>Hartford, Conn.</i>	101 Wall st.
Wilfred Keefer Barnard	<i>Council Bluffs, Iowa</i>	313 York st.
Arthur Barnwell	<i>Charleston, S. C.</i>	425 Temple st.
Charles Edward Bascom	<i>St. Louis, Mo.</i>	111 Grove st.
William Henry Beehler	<i>West Haven, Conn.</i>	West Haven
Ferdinand Lamnot Belin	<i>Scranton, Pa.</i>	119 Wall st.
Charles Belknap, Jr.	<i>Annapolis, Md.</i>	387 Temple st.
Edward Hopkins Benner	<i>Wellesley, Mass.</i>	105 Park st.
William Albion Bindley	<i>Pittsburg, Pa.</i>	110 Wall st.
Augustus Silliman Blagden	<i>Washington, D. C.</i>	159 Elm st.
Ross Whiting Bragg	<i>Cincinnati, O.</i>	387 Temple st.
David Egner Breinig	<i>New Milford, Conn.</i>	91 Park st.
George Samuel Brigham	<i>Chicago, Ill.</i>	37 College st.
Richard DeWolfe Brixey	<i>Seymour, Conn.</i>	110 Wall st.
Ernest Brooks	<i>New York City</i>	313 York st.
Ernest Wilcox Brown	<i>New Haven, Conn.</i>	271 Lloyd st.
Arthur Buhrman	<i>Cincinnati, O.</i>	333 York st.
Irving Crawford Bull	<i>Middletown, N. Y.</i>	107 Wall st.
Charles David Carey	<i>Cheyenne, Wyo.</i>	130 Wall st.
Robert Morse Chamberlin	<i>Denver, Col.</i>	62 Lake pl.
Clinton Lowrie Childs	<i>Pittsburg, Pa.</i>	391 Temple st.
William Merritt Clark	<i>New Haven, Conn.</i>	771 Orange st.
Ralph Oakley Clock	<i>Islip, N. Y.</i>	78 Lake pl.
Paul Brainard Condit	<i>Cleveland, O.</i>	116 College st.
Frank Joseph Conlan	<i>New Haven, Conn.</i>	176 Franklin st.
William Norris Connor	<i>Maynard, Mass.</i>	333 York st.
Clarence Parker Cook	<i>Ore Hill, Conn.</i>	128 High st.
George Noble Copley	<i>New Britain, Conn.</i>	411 Temple st.
George Halloway Cressler	<i>Fort Wayne, Ind.</i>	124 Wall st.
Charles Edwin Day	<i>Salisbury, Conn.</i>	293 York st.
Hilbert Francis Day	<i>Boston, Mass.</i>	156 Grove st.
Royal Franklin Ditmars	<i>New Haven, Conn.</i>	563 Orange st.
Homer Laing Dixon	<i>Chicago, Ill.</i>	110 Wall st.

Jacob Duhan	<i>New Haven, Conn.</i>	1136 State st.
Walter Duren	<i>Newark, N. J.</i>	395 Temple st.
Oscar Leslie Eberle	<i>East Orange, N. J.</i>	140 College st.
George Joseph Nelson Edmondson	<i>New Haven, Conn.</i>	18 Bishop st.
Nathan Powell Ernst	<i>Covington, Ky.</i>	126 Wall st.
Walter Ernest Faithorn	<i>Chicago, Ill.</i>	407 Temple st.
Ernst Watson Farley	<i>Cleveland, O.</i>	132 Wall st.
James Aaron Farra	<i>Pisgah, Ky.</i>	407 Temple st.
John Acton Civill Feeter	<i>Yonkers, N. Y.</i>	99 Wall st.
John Farwell Ferry	<i>Lake Forest, Ill.</i>	391 Temple st.
Montague Ferry	<i>Lakeside, Cal.</i>	391 Temple st.
William Mann Fincke	<i>New York City</i>	124 Wall st.
Lewin Benjamin Fish	<i>New Haven, Conn.</i>	68 William st.
Edward Harold Fisher	<i>New Rochelle, N. Y.</i>	22 College st.
Ralph Emerson Flinn	<i>Pittsburg, Pa.</i>	391 Temple st.
James Boies Alleyne Fosburgh	<i>Buffalo, N. Y.</i>	42 Elm st.
Charles Addison Foster	<i>Tacoma, Wash.</i>	391 Temple st.
John Aubrey Foulks	<i>Brooklyn, N. Y.</i>	96 Wall st.
Walter Seip Frisbie	<i>Meriden, Conn.</i>	Meriden
Homer Gifford Fuller	<i>Shelton, Conn.</i>	132 Wall st.
Julius Gans	<i>Chicago, Ill.</i>	387 Temple st.
Allen Gard	<i>Brooklyn, N. Y.</i>	9 Library st.
Leon Lincoln Gay	<i>Barton Landing, Vt.</i>	136 College st.
Preston Johnston Gibson	<i>Washington, D. C.</i>	17 Hillhouse av.
Harold Arthur Gilbert	<i>New Haven, Conn.</i>	224 Oak st.
Henderson Gilbert	<i>Harrisburg, Pa.</i>	387 Temple st.
Ransom Hooker Gillett	<i>Washington, D. C.</i>	96 Wall st.
Charles Ross Gordon	<i>Rochester, N. Y.</i>	17 Hillhouse av.
Nisbet Grammer	<i>Cleveland, O.</i>	132 Wall st.
Irwin Rew Green	<i>Chicago, Ill.</i>	133 Wall st.
Donald Guthrie	<i>Wilkes-Barre, Pa.</i>	389 Temple st.
Porter Thomas Hall	<i>Kansas City, Mo.</i>	391 Temple st.
Southard Hay	<i>Allegheny, Pa.</i>	391 Temple st.
Nathan Wilbur Hendryx	<i>New Haven, Conn.</i>	411 Temple st.
Louis Hengerer	<i>Buffalo, N. Y.</i>	393 Temple st.
Philip Bacon Hosmer	<i>Chicago, Ill.</i>	407 Temple st.
Herbert Fenton Hotchkiss	<i>New Haven, Conn.</i>	94 Olive st.
Albert Kemp Hubbard	<i>Kane, Pa.</i>	113 College st.
John Chambers Humbird	<i>Pittsburg, Pa.</i>	391 Temple st.
Edward Woods Hunt	<i>Tacoma, Wash.</i>	333 York st.
Lea Hunt	<i>Wilkes-Barre, Pa.</i>	395 Temple st.
William Albert Hyde	<i>North Haven, Conn.</i>	North Haven
George Samuel Jamieson	<i>Bridgeport, Conn.</i>	Bridgeport
Burdette Hubbard Johnson	<i>Clinton, Conn.</i>	59 Lake pl.

Nelson Camp Johnson	<i>Meriden, Conn.</i>	79 Wall st.
Hugh McKean Jones	<i>Pittsburg, Pa.</i>	157 York st.
Robert David Kaime	<i>St. Louis, Mo.</i>	419 Temple st.
Harry Thomas Kehr	<i>Norwich, Conn.</i>	399 Elm st.
Raymond Meserve Kellogg	<i>New Haven, Conn.</i>	109 Edwards st.
Philip Wheaton Rives King	<i>Newport, R. I.</i>	411 Temple st.
Clarence Mahlon Kline	<i>Philadelphia, Pa.</i>	413 Temple st.
Arthur Potter Knight	<i>Cleveland, N. Y.</i>	132 Wall st.
John Marcus Knight	<i>New Haven, Conn.</i>	492 Blatchley av.
Beverly Waugh Kunkel	<i>Harrisburg, Pa.</i>	389 Temple st.
Thomas Phillips Leaman	<i>Cincinnati, O.</i>	425 Temple st.
Ralph Randolph Lee	<i>Erie, Pa.</i>	124 Wall st.
Henry Stanton Leverich	<i>New York City</i>	90 Wall st.
Watson Cooke Lewis	<i>St. Louis, Mo.</i>	411 Temple st.
Richard Charles Lincoln	<i>Hartford, Conn.</i>	333 York st.
Ben Ali Haggin Lounsbery	<i>New York City</i>	110 Wall st.
Rowland Percival Love	<i>St. Louis, Mo.</i>	411 Temple st.
Herbert Luckner	<i>Cincinnati, O.</i>	15 Spruce st.
Chorbajian M. Luther	<i>Marash, Turkey</i>	828 Chapel st.
George West Mabce	<i>Balston Spa, N. Y.</i>	397 Temple st.
Ogden Trevor McClurg	<i>Chicago, Ill.</i>	110 Wall st.
Lesley McCreath	<i>Harrisburg, Pa.</i>	411 Temple st.
George Southmayd Macdonald	<i>New York City</i>	59 Prospect st.
Thomas Atterbury McGinley	<i>Pittsburg, Pa.</i>	104 Wall st.
Edward Lea Marsh	<i>Sandusky, O.</i>	411 Temple st.
Charles Gilbert Miller	<i>New York City</i>	119 Wall st.
Hiram Miller	<i>Middlefield, Conn.</i>	599 Elm st.
Benton Cook Moss	<i>Kansas City, Mo.</i>	285 York st.
Louis Putnam Myers	<i>Yonkers, N. Y.</i>	110 Wall st.
Andrew Burton Mygatt	<i>New Milford, Conn.</i>	91 Park st.
Clive Seymour Newcomb	<i>Jersey City, N. J.</i>	419 Temple st.
Herbert Brinkerhoff North	<i>New Haven, Conn.</i>	1399 Chapel st.
John Stuart Ogilvie, Jr.	<i>Brooklyn, N. Y.</i>	409 Temple st.
John Dale Oille	<i>N. Tonawanda, N. Y.</i>	74 Lake pl.
Rufus Parks, Jr.	<i>Washington, D. C.</i>	409 Temple st.
Paul Draper Payne	<i>Philadelphia, Pa.</i>	389 Temple st.
Henry Pearce, Jr.	<i>Providence, R. I.</i>	110 Wall st.
Clarence Kent Peck	<i>Chicago, Ill.</i>	391 Temple st.
Fred Ely Perkins	<i>Cleveland, O.</i>	389 Temple st.
Gaius William Perkins, Jr.	<i>Grand Rapids, Mich.</i>	409 Temple st.
John Walter Perry	<i>Southport, Conn.</i>	393 Temple st.
Charles Samuel Phelps	<i>Warehouse Point, Conn.</i>	299 York st.
Frank Huntington Phipps, Jr.	<i>Governor's Island, N. Y.</i>	126 Wall st.
Ralph Asher Pike	<i>E. Woodstock, Conn.</i>	783 Orange st.

Frank Everson Powell, Jr.	<i>Columbus, O.</i>	409 Temple st.
James Courtney Punderford	<i>New York City</i>	131 Sherman av.
Frank Lees Quinby	<i>New York City</i>	391 Temple st.
Harry Hollister Read	<i>Bridgeport, Conn.</i>	90 Wall st.
George Harold Reid	<i>Bridgeport, Conn.</i>	137 Wall st.
Frederick William Renshaw	<i>Chicago, Ill.</i>	111 Grove st.
Mortimer W. Rice	<i>Scranton, Pa.</i>	397 Temple st.
Mortimer Hamilton Richardson	<i>Nashville, Tenn.</i>	110 Wall st.
John Alexander Rithet	<i>Victoria, B. C.</i>	1151 Chapel st.
Nicholas Ridgely Roberts	<i>Springfield, Ill.</i>	332 Temple st.
Louis Mandelbaum Rosenbluth	<i>New Haven, Conn.</i>	101 William st.
Frederic Richard Rubsamen	<i>Murray Hill, N. J.</i>	110 Wall st.
Charles Edward Rudd	<i>Lakeville, Conn.</i>	128 High st.
Joseph Turner Ryerson	<i>Chicago, Ill.</i>	110 Wall st.
Walter Edward Sanford	<i>New Haven, Conn.</i>	54 Chambers st.
John Louger deSaulles	<i>S. Bethlehem, Pa.</i>	419 Temple st.
Eugene Treat Savage	<i>Bangor, Me.</i>	133 College st.
Edward Randall Saxton	<i>Saugatuck, Conn.</i>	132 Wall st.
John Lyle Schermerhorn	<i>New Haven, Conn.</i>	166 Davenport av.
Elmer Henry Schwarz	<i>Waterbury, Conn.</i>	135 College st.
Julius Orrin Schwill	<i>Cincinnati, O.</i>	1076 Chapel st.
Charles Hayden Shepard	<i>Rochester, N. Y.</i>	121 York st.
Frederick Augustus Sherwood	<i>Ottawa, Ill.</i>	120 College st.
Olin Lewis Sikes	<i>Suffield, Conn.</i>	119 Park st.
Max Silverman	<i>Williamsport, Pa.</i>	143 College st.
William Wilson Sloan, Jr.	<i>Buffalo, N. Y.</i>	22 College st.
Allen Edgar Smith	<i>Hartford, Conn.</i>	64 Whalley av.
Bayard Marston Smith	<i>New York City</i>	111 Grove st.
Daniel Sanford Smith	<i>Bridgeport, Conn.</i>	311 York st.
Peter Levant Smith	<i>N. Tonawanda, N. Y.</i>	74 Lake pl.
Paul Arthur Sorg	<i>Middletown, O.</i>	126 Wall st.
Charles Carroll Sprigg	<i>Dayton, O.</i>	409 Temple st.
Frederick Hiram Swift	<i>Ypsilanti, Mich.</i>	131 Grove st.
Harold Richmond Talbot	<i>New York City</i>	397 Temple st.
William Henry Tallmadge, Jr.	<i>Stamford, Conn.</i>	419 Temple st.
Edwy Lycurgus Taylor, Jr.	<i>Albany, N. Y.</i>	133 Wall st.
Richard TenBroeck	<i>Louisville, Ky.</i>	1076 Chapel st.
Edward Schlager Toothe	<i>Madison, N. J.</i>	110 Wall st.
George Pennock Urban	<i>Buffalo, N. Y.</i>	393 Temple st.
Frederick Rust VanVechten	<i>Little Falls, N. Y.</i>	119 Wall st.
Richard Varick VanVredenburgh	<i>New Albany, Ind.</i>	103 Wall st.
Carl Louis Vietor	<i>New York City</i>	110 Wall st.
Lloyd Daubeny Waddell	<i>Parsippany, N. J.</i>	425 Temple st.
Jeptha Homer Wade, Jr.	<i>Cleveland, O.</i>	389 Temple st.

Frederick Joseph Wahlig	<i>Shelton, Conn.</i>	Shelton
Ellison Guthrie Waite	<i>Columbus, O.</i>	313 York st.
Frank Sheridan Warmoth	<i>Lawrence, La.</i>	387 Temple st.
Ralph Ogden Warrin	<i>Cooperstown, N. Y.</i>	61 Grove st.
Richard Halstead Warrin	<i>Cooperstown, N. Y.</i>	61 Grove st.
Ashbel Russell Welch	<i>Germantown, Pa.</i>	395 Temple st.
Arthur Thomas Welles	<i>New Haven, Conn.</i>	372 George st.
Bradford Wells	<i>Chicago, Ill.</i>	99 Wall st.
Davenport White	<i>Cannon, Conn.</i>	133 Wall st.
John Emery White	<i>Buffalo, N. Y.</i>	407 Temple st.
Milton James Whitely	<i>New York City</i>	248 York st.
Frederic Eben Whitney	<i>Andover, Mass.</i>	64 Lake pl.
Daniel Ingersoll Whittelsey	<i>New York City</i>	413 Temple st.
John Hough Wickersham	<i>Lancaster, Pa.</i>	110 Wall st.
Joseph Goodyear Wild	<i>New Haven, Conn.</i>	86 Park st.
Arthur Pearson Wilder	<i>Clifton, Mass.</i>	387 Temple st.
Victor Wilson	<i>Kansas City, Mo.</i>	285 York st.
Carlton Hubert Woodruff	<i>Auburn, N. Y.</i>	96 Wall st.
Robert Raymond Wright	<i>Logan, O.</i>	389 Temple st.
Robert Weaver Zimmerman	<i>New York City</i>	124 Wall st.

FRESHMEN, 192

## SPECIAL STUDENTS NOT CANDIDATES FOR A DEGREE

Walter Morgan Anderson	<i>Clinton, Conn.</i>	Clinton
Charles Lester Curtiss	<i>New Haven, Conn.</i>	374 Whalley av.
Harrison Gray	<i>New Haven, Conn.</i>	38 Mansfield st.
William James Griffiths	<i>New Haven, Conn.</i>	37 Rosette st.
James Ewen McIntyre	<i>New Haven, Conn.</i>	56 W. D.
Edward Thomas Nugent	<i>St. Louis, Mo.</i>	111 Grove st.
William Earl Porter	<i>Denver, Col.</i>	103 Wall st.
Joseph Reed	<i>Pittsburg, Pa.</i>	110 Wall st.
Herbert Robinson Rising	<i>Newark, N. Y.</i>	149 College st.
Myron Bird Seward	<i>West Haven, Conn.</i>	West Haven
Clarence Sidney Verrill	<i>New Haven, Conn.</i>	86 Whalley av.
Chintara Wakamatsu	<i>Tokyo, Japan</i>	119 Park st.
Ralston Thornton Wilbur	<i>San Francisco, Cal.</i>	119 Wall st.

SPECIAL STUDENTS, 13

## SUMMARY

GRADUATES	59
SENIORS	140
JUNIORS	163
FRESHMEN	192
SPECIAL STUDENTS	13
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## YALE SCHOOL OF THE FINE ARTS

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Eleanor Pierson Alling	<i>New Haven, Conn.</i> 120 Sherman av.
Robert Lawrence Anthony	<i>Providence, R. I.</i> 373 WH.
Easter Armstrong	<i>New Haven, Conn.</i> 208 Canner st.
Frederick Sanford Atwater	<i>New Haven, Conn.</i> 291 George st.
S. Clifford Babbitt	<i>Meriden, Conn.</i> Meriden
Jessie Wilhelmine Baldwin	<i>New Haven, Conn.</i> 36 College st.
Philip Bancroft	<i>San Francisco, Cal.</i> 331 Temple st.
James Whitney Barney	<i>New York City</i> 37 V.
Medora Hubbell Beardsley	<i>New Haven, Conn.</i> 77 Ward st.
Elmer Ellsworth Beeck	<i>New York City</i> 357 WH.
Ethel Welles Bennett	<i>New Haven, Conn.</i> 357 Elm st.
Coburn Dewees Berry, Jr.	<i>Nashville, Tenn.</i> 49 V.
Helen Elizabeth Booth	<i>New Haven, Conn.</i> 205 Orchard st.
Lydia Rollinson Booth	<i>Poughkeepsie, N. Y.</i> 67 Mansfield st.
Mabel Daskam Bradley	<i>New Haven, Conn.</i> 1346 Chapel st.
Frederick Hiester Brooke	<i>Birdsboro, Pa.</i> 178 LYC.
Horace Spalding Brown	<i>Springfield, Mass.</i> 131 Grove st.
Jean May Burr	<i>Monroe, Conn.</i> Monroe
Shiras Campbell	<i>Elizabeth, N. J.</i> 22 College st.
George Shepard Chappell	<i>New London, Conn.</i> 20 V.
Alice May Clark	<i>Bridgeport, Conn.</i> Bridgeport
Thomas Benedict Clarke, Jr.	<i>New York City</i> 239 D.
Arthur Wilfred Clement	<i>Brooklyn, N. Y.</i> 51 V.
Elizabeth Anna Ennis	<i>West Haven, Conn.</i> West Haven
Antoinette Florence Fullerton	<i>New Haven, Conn.</i> 11 College st.
Elizabeth Gallagher	<i>New Haven, Conn.</i> 13 University pl.
Julia Henrietta Hammer	<i>Branford, Conn.</i> Branford
Blanche Eddy Harrison	<i>Wallingford, Conn.</i> Wallingford
Clara Elizabeth Hart	<i>Waterbury, Conn.</i> 78 Whalley av.
William Beck Hills	<i>Orange, N. J.</i> 80 S. M.
Sara Moulthrop Holbrook	<i>New Haven, Conn.</i> 1501 Chapel st.
Helen Hooker	<i>Spokane, Wash.</i> 90 York sq.
Ada Florence Howes	<i>Bridgeport, Conn.</i> Bridgeport
Harry Dean Hunn, Jr.	<i>New Haven, Conn.</i> 48 Third st.
W. Winton Huson	<i>Dundee, N. Y.</i> 57 W. D.
Owen McMahon Johnson	<i>New York City</i> 86 W. D.
Mildred Clara Jordan	<i>New Haven, Conn.</i> 181 Whalley av.
Lucius Collinwood Kingman	<i>Providence, R. I.</i> 373 WH.
Teng Hwee Lee	<i>Batavia, Java</i> 70 Edgewood av.
Henry William Lyman	<i>Greenfield, Mass.</i> 384 B.
William Proctor Malony	<i>Dundee, N. Y.</i> 57 W. D.
Edith Rebecca Maltby	<i>New Haven, Conn.</i> 23 Sylvan av.
Samuel Clinton Marty	<i>Kansas City, Mo.</i> 266 L.

Benjamin Burges Moore	<i>New York City</i>	303 W.
Edna L. Morgan	<i>Seymour, Conn.</i>	Seymour
Henry Killam Murphy	<i>New Haven, Conn.</i>	85 Sachem st.
Herbert Brinkerhoff North	<i>New Haven, Conn.</i>	1399 Chapel st.
Ethel Stannard Norton	<i>Wallingford, Conn.</i>	Wallingford
George Sturges Oliver	<i>Pittsburg, Pa.</i>	346 WH.
Norman Olmstead	<i>Branford, Conn.</i>	Branford
Walker Lavalette Otis	<i>New York City</i>	263 L.
Valeria Pelton	<i>Middletown, Conn.</i>	Middletown
Ardella Elwood Platt	<i>West Haven, Conn.</i>	West Haven
Howard Platt	<i>Poughkeepsie, N. Y.</i>	297 W.
Joseph Scovil Porter	<i>New Haven, Conn.</i>	293 W.
Ord Preston	<i>Englewood, N. J.</i>	178 LYC.
Michael John Reynolds	<i>New Haven, Conn.</i>	163 Fillmore st.
Katharine Parker Riley	<i>New Haven, Conn.</i>	83 Grove st.
Elnora Dixon Rogers	<i>New Haven, Conn.</i>	67 Lafayette st.
Minnie Calvert Rogerson	<i>New Haven, Conn.</i>	153 Blatchley av.
Henry Moore Russell, Jr.	<i>Wheeling, W. Va.</i>	250 York st.
Phillip Ayer Sawyer	<i>Chicago, Ill.</i>	167 Crown st.
Frank M. Schmitt	<i>New Haven, Conn.</i>	50 Middletown av.
Marvyn Scudder	<i>New York City</i>	27 V.
Elizabeth Day Seymour	<i>New Haven, Conn.</i>	34 Hillhouse av.
George Cass Shelby	<i>Grand Rapids, Mich.</i>	263 L.
Arthur Leighton Sherman	<i>Castleton, Vt.</i>	72 S. M.
Franklin Victory Sikes	<i>Suffield, Conn.</i>	422 B.
Lewis Palmer Skidmore	<i>Bridgeport, Conn.</i>	Bridgeport
Mabel Grace Smith	<i>North Haven, Conn.</i>	North Haven
Ralph Willis Thomas	<i>Anaconda, Mont.</i>	182 LYC.
Mary Thompson	<i>New Haven, Conn.</i>	67 Mansfield st.
Florence Truman	<i>New Haven, Conn.</i>	319 Crown st.
John Alden Twachtman	<i>Greenwich, Conn.</i>	83 Grove st.
Ernest Franklin Tyler	<i>New Haven, Conn.</i>	College st.
Elisha Walker	<i>New York City</i>	357 WH.
Mabel Walsh	<i>New Britain, Conn.</i>	New Britain
Charles Fry Ward	<i>Odon, Ind.</i>	122 N.
Alice Hull Wetmore	<i>Winsted, Conn.</i>	178 Wooster st.
William Henry White	<i>Waterbury, Conn.</i>	96 Wall st.
Josiah Dwight Whitney, B.A. } Yale University 1898	<i>Beloit, Wisc.</i>	333 York st.
John Kellogg Woodruff	<i>Bridgeport, Conn.</i>	Bridgeport
Myra Estelle Wooster	<i>Bridgeport, Conn.</i>	Bridgeport
Henry Bingham Bartlett Yergason	<i>Cincinnati, O.</i>	391 B.
		STUDENTS, 84

Besides the above, the Freshman Class of the Sheffield Scientific School (192 students), receive instruction in free-hand drawing.

## DEPARTMENT OF MUSIC

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Harold Sears Arnold	<i>New Haven, Conn.</i>	321 W.
Clara Asher	<i>New Haven, Conn.</i>	23 Grove st.
Lucius Barnes Barbour	<i>Hartford, Conn.</i>	22 College st.
William DeVerne Beach, B.A. } Yale University 1892	<i>Bridgeport, Conn.</i>	96 W. D.
Jessie Clarke Beecher	<i>Shelton, Conn.</i>	Shelton
Leta Beecher	<i>Bethany, Conn.</i>	Bethany
Catherine Elizabeth Blatchley	<i>New Haven, Conn.</i>	219 Blatchley av.
Antoinette Brett	<i>New Haven, Conn.</i>	195 James st.
Harriet Ophelia Burroughs	<i>Bridgeport, Conn.</i>	Bridgeport
William Woods Chandler, B.A. } Yale University 1896	<i>New Haven, Conn.</i>	31 High st.
Alice Josephine Cheney	<i>New Haven, Conn.</i>	45 Elm st.
Mabel Edna Clarke	<i>New Haven, Conn.</i>	223 Whalley av.
Bertha Gibson Coe	<i>Madison, Conn.</i>	Madison
Florence May Cornwall	<i>Milford, Conn.</i>	Milford
Florence Isabel Cummings	<i>Plantsville, Conn.</i>	Plantsville
Annie Young Fanslow	<i>New Haven, Conn.</i>	53 Salem st.
Alice Gertrude Foley	<i>Silver Lane, Conn.</i>	Silver Lane
Henry Lyman Foote	<i>New Haven, Conn.</i>	19 Howe st.
Clara Brainerd Forbes	<i>East Haven, Conn.</i>	East Haven
Charles Root Fowler	<i>New Haven, Conn.</i>	156 F.
Gertrude Agnes Fox	<i>New Haven, Conn.</i>	58 Sylvan av.
Louis Ferdinand Graeber	<i>Meriden, Conn.</i>	Meriden
Julia Stanley Gridley	<i>Southington, Conn.</i>	Southington
William Edwin Haesche, MUS.B. } Yale University 1897	<i>New Haven, Conn.</i>	246 Atwater st.
Leland Mortimer Haight	<i>East Haven, Conn.</i>	Foxon
Edward Roswell Hawley	<i>Huntington, Conn.</i>	Huntington
Carrie Butler Hendrick	<i>New Haven, Conn.</i>	62 Clark st.
Lida J. Hine	<i>New Haven, Conn.</i>	587 State st.
Harry Benjamin Jepson, B.A. } Yale University 1893, MUS.B. Yale University 1894	<i>New Haven, Conn.</i>	52 Howe st.
George Dwight Kellogg, PH.D. } Yale University 1898	<i>New Haven, Conn.</i>	90 S. M.
Franklin Kennedy	<i>Buffalo, N. Y.</i>	286 W.
Margery Kilburn	<i>New Haven, Conn.</i>	476 Elm st.
Henry Stanley Knight	<i>New Haven, Conn.</i>	32 Pearl st.
Edwin Arthur Kraft	<i>New Haven, Conn.</i>	150 Oak st.



William Jacob Kraft	<i>Bristol, Conn.</i>	Bristol
Mabel Estelle Leston	<i>New Haven, Conn.</i>	36 Cassius st.
Kate Lee Lewis	<i>New Haven, Conn.</i>	121 Park st.
Porter Hodge Linthicum	<i>Evansville, Ind.</i>	541 P.
Edward Britton Manville	<i>New Haven, Conn.</i>	379 George st.
Herbert Edwin Medway	<i>Scranton, Pa.</i>	386 B.
George Henry Mitchell	<i>New York City</i>	337 WH.
Constantina Moeller	<i>New Haven, Conn.</i>	349 Crown st.
Edward Colman Moore	<i>Moline, Ill.</i>	306 W.
Charles Edward Moulthrop	<i>West Haven, Conn.</i>	West Haven
Mary Elizabeth Nicoll	<i>New Haven, Conn.</i>	86 Broadway
Charles Albert Page	<i>East Haven, Conn.</i>	East Haven
Lola G. E. Phinney	<i>New Haven, Conn.</i>	313 York st.
Maurice Porter	<i>New Haven, Conn.</i>	1335 Chapel st.
John Rush Powell, B.A. }	<i>Austin, Tex.</i>	121 York st.
Yale University 1897 }		
Henry Oscar Price	<i>Galesburg, Ill.</i>	68 W. D.
Elizabeth Quinn	<i>New Haven, Conn.</i>	35 Lynwood st.
Walter Bright Rile	<i>Wilmington, Del.</i>	236 D.
Sadie Rosenthal	<i>Hartford, Conn.</i>	Hartford
Oliver Taylor Sherwood, B.A. }	<i>Southport, Conn.</i>	Southport
Yale University 1884 }		
David Stanley Smith	<i>Toledo, O.</i>	10 V.
Stanley Blake Smith	<i>New Haven, Conn.</i>	273 Orchard st.
Anna Sperry	<i>New Haven, Conn.</i>	308 Whalley av.
Clara Spicer	<i>Groton, Conn.</i>	Groton
Emma Spieske	<i>Hartford, Conn.</i>	Hartford
Louise Spieske	<i>Hartford, Conn.</i>	Hartford
Porter Steele	<i>Brooklyn, N. Y.</i>	582 P.
Maud Louise Studley	<i>New Haven, Conn.</i>	601 Elm st.
Irene Gertrude Taylor	<i>Saugatuck, Conn.</i>	Saugatuck
Annie Thomas	<i>New Haven, Conn.</i>	96 Sherman av.
Minnie Louise Tillou	<i>New Haven, Conn.</i>	118 College st.
Hally Tizak	<i>New Haven, Conn.</i>	77 Washington st.
George John Trinkaus	<i>Bridgeport, Conn.</i>	Bridgeport
Ralph Gibbs VanName	<i>New Haven, Conn.</i>	350 WH.
Ruth Wallace	<i>Ansonia, Conn.</i>	Ansonia
Anna Gardiner Westcott	<i>Hartford, Conn.</i>	Hartford
Agnes Matella Whitcomb	<i>New Haven, Conn.</i>	5 Gilbert av.
Charles Sherrill Wilcox	<i>East Haven, Conn.</i>	Morris Cove
Martha Josephine Williams	<i>New Haven, Conn.</i>	33 Wall st.
Yoshi Yamaguchi	<i>Kyoto, Japan</i>	351 Washington st.
Leila May Young	<i>New Haven, Conn.</i>	131 High st.

## COURSES FOR TEACHERS

---

Mary M. Abbott	<i>Waterbury</i>	Waterbury
Edith Adams	<i>New Haven</i>	120 St. John st.
Elizabeth Allen	<i>New Haven</i>	516 Columbus av.
Ida J. Alvord	<i>New Haven</i>	605 Quinpiac av.
E. Rhena Andrea	<i>New Haven</i>	60 Sylvan av.
Sarah A. Bacon	<i>New Haven</i>	294 Elm st.
Anna J. Baldwin	<i>New Haven</i>	18 Edgewood av.
Mary S. Baldwin	<i>Milford</i>	Milford
Georgia S. Barber	<i>New Haven</i>	19 Wall st.
H. Elizabeth Beard	<i>Norwalk</i>	Norwalk
Harriett Bennett	<i>New Haven</i>	84 Broadway
Jessie G. Bertine	<i>Bridgeport</i>	Bridgeport
Arthur S. Bibbins	<i>Darien</i>	Darien
Isabel B. Bird	<i>New Haven</i>	101 Humphrey st.
Minnie T. Bird	<i>New Haven</i>	101 Humphrey st.
Grace Booth	<i>New Haven</i>	12 Edgewood av.
Kate S. Bristol	<i>New Haven</i>	191 Exchange st.
S. Ellen Brown	<i>New Haven</i>	25 Whalley av.
Jennie I. Campbell	<i>Wallingford</i>	Wallingford
Annie M. Chunn	<i>New Haven</i>	3 Sylvan av.
Susie Coe	<i>New Haven</i>	187 Davenport av.
Harriet B. Comstock	<i>New Haven</i>	233 York st.
Dorothy L. Cone	<i>Meriden</i>	Meriden
Amy Cooley	<i>New Haven</i>	43 Beers st.
Joseph T. Corlew	<i>Stratford</i>	Stratford
Nellie Coxeter	<i>New Haven</i>	38 Winchester av.
May Creegan	<i>New Haven</i>	89½ Greene st.
Hortense D. Crossley	<i>New Haven</i>	310 Exchange st.
Lucretia S. Cummings	<i>Plantsville</i>	Plantsville
Helen L. Curtis	<i>Stratford</i>	Stratford
Frederick A. Curtiss	<i>Saybrook</i>	Saybrook
Edith Daggett	<i>New Haven</i>	271 Crown st.
Susan L. Davis	<i>New Haven</i>	361 George st.
Emily M. DeForest	<i>New Haven</i>	45 Atwater st.
Edith Dettra	<i>New Haven</i>	568 Chapel st.
Helen C. Doolittle	<i>New Haven</i>	21 Clinton av.
Elizabeth B. Doyle	<i>New Haven</i>	210 Ferry st.
Margaret M. Dunn	<i>New Haven</i>	542 Chapel st.

Christine I. Dwyer	<i>New Haven</i>	186 Ashmun st.
Ellen T. Evans	<i>Wallingford</i>	Wallingford
Margaret G. Fahey	<i>Wallingford</i>	Wallingford
M. Gertrude Fenn	<i>New Britain</i>	New Britain
Albert B. Fifield	<i>New Haven</i>	442 George st.
John S. Fitzpatrick	<i>Naugatuck</i>	Naugatuck
George L. Fox	<i>New Haven</i>	7 College st.
Louise S. Fuess	<i>New Haven</i>	56 Whalley av.
Ruth Gorham	<i>New Haven</i>	183 Wooster st.
Ruth S. Granniss	<i>Saybrook</i>	Saybrook
Jennie L. Griswold	<i>New Haven</i>	29 Clinton av.
Lucy A. Griswold	<i>New Haven</i>	29 Clinton av.
Mary J. Griswold	<i>New Haven</i>	29 Clinton av.
Jessie E. Guernsey	<i>New Britain</i>	New Britain
Alice B. Hammond	<i>New Haven</i>	20 Whalley av.
Edith M. Hanna	<i>New Haven</i>	67 Pearl st.
May C. Harrigan	<i>New Haven</i>	8 Foote st.
Charlotte V. Healey	<i>Ansonia</i>	Ansonia
Anna E. Hennig	<i>New Haven</i>	40 Whiting st.
Margaret Hickey	<i>Wallingford</i>	Wallingford
Helen M. Higgins	<i>New Haven</i>	415 George st.
Henryetta I. Hoadley	<i>New Haven</i>	304 Crown st.
Elizabeth Hodgdon	<i>New Haven</i>	200 Howard av.
Florence L. Hofer	<i>West Haven</i>	West Haven
Harry Houston	<i>New Haven</i>	693 Elm st.
John D. Houston	<i>New Haven</i>	385 Whalley av.
Charlotte A. Hubbard	<i>New Haven</i>	91 Dwight st.
Harriet M. Hubbel	<i>New Haven</i>	22 Asylum st.
George B. Hurd	<i>New Haven</i>	59 Lake pl.
Agnes Hussion	<i>New Haven</i>	227 Poplar st.
Charlotte E. Hyde	<i>West Haven</i>	West Haven
Theresa E. Jochmus	<i>Ansonia</i>	Ansonia
Annie S. Johnson	<i>New Haven</i>	374 Grand av.
Grace Johnson	<i>New Haven</i>	117 Poplar st.
Arsine E. Jones	<i>New Haven</i>	100 Ashmun st.
Mary A. Judd	<i>New Haven</i>	66 Nash st.
Calvin N. Kendall	<i>New Haven</i>	139 Humphrey st.
Minnie A. Kennedy	<i>Wallingford</i>	Wallingford
Rachel King	<i>New Haven</i>	38 Howe st.
Mary E. Kinsella	<i>New Haven</i>	13 Nash st.
Louise Kinsman	<i>New Haven</i>	599 Elm st.
Clara Klebe	<i>New Haven</i>	37 Ann st.
Bessie Lathrop	<i>New Haven</i>	14 Bishop st.
Cathie M. Leary	<i>Naugatuck</i>	Naugatuck

Elizabeth Leary	<i>Naugatuck</i>	Naugatuck
Ellen G. Leary	<i>New Haven</i>	32 Beach st.
Eva A. Lee	<i>New Haven</i>	32 Pine st.
John G. Lewis	<i>New Haven</i>	438 George st.
Herbert N. Loomis	<i>New Haven</i>	101 Humphrey st.
Sarah V. Lowther	<i>Stamford</i>	Stamford
Sarah A. Lyle	<i>New Haven</i>	229 Congress av.
James E. McCabe	<i>Wallingford</i>	Wallingford
Charlotte E. McCaffrey	<i>New Haven</i>	13 Lamberton st.
Ellen MacCormac	<i>Wallingford</i>	Wallingford
Millicent R. McDermott	<i>New Haven</i>	244 Lennox av.
Mary A. McFarland	<i>New Haven</i>	287 Willow st.
Clarence S. McLean	<i>Westville</i>	Westville
Luthera A. Mansfield	<i>New Haven</i>	120 High st.
Herbert I. Mathewson	<i>Milford</i>	Milford
May V. Maum	<i>Ansonia</i>	Ansonia
Lucy Merwin	<i>Middlefield</i>	Middlefield
George A. Mirick	<i>New Haven</i>	84 Wall st.
Isabel C. Morgan	<i>New Haven</i>	83 Grove st.
Rose A. Moriarty	<i>New Haven</i>	116 Lloyd st.
Kate S. Murphy	<i>Hartford</i>	Hartford
Margaret A. Murphy	<i>New Haven</i>	238 James st.
Marion M. Murphy	<i>New Haven</i>	27 Asylum st.
Charlotte F. Myers	<i>Wallingford</i>	Wallingford
Margaret E. Myers	<i>Wallingford</i>	Wallingford
Julia Nadler	<i>New Haven</i>	122 Olive st.
Mollie Nadler	<i>New Haven</i>	122 Olive st.
Jennie T. Nash	<i>New Haven</i>	1 Sylvan av.
Elizabeth P. Norman	<i>New Haven</i>	57 Kensington st.
Nora A. O'Brien	<i>Ansonia</i>	Ansonia
Caroline A. Parsons	<i>New Haven</i>	196 Blatchley av.
Charlotte C. Pierpont	<i>New Haven</i>	33 Hazel st.
L. Adella Pinney	<i>New Haven</i>	260 Edgewood av.
Mary A. Pinney	<i>New Haven</i>	45 Park st.
Anna S. Planten	<i>New Haven</i>	41 Day st.
Frances Platt	<i>New Haven</i>	68 Carmel st.
Anna D. Pollard	<i>Plantsville</i>	Plantsville
Josephine L. Przelomiec	<i>New Haven</i>	66 Howe st.
William C. Raymond	<i>Hamden</i>	Hamden
Louise Reimann	<i>New Haven</i>	113 Lawrence st.
Alice E. Reynolds	<i>New Haven</i>	101 Humphrey st.
Josephine I. Reynolds	<i>New Haven</i>	550 Whalley av.
Nellie J. Riggs	<i>New Haven</i>	252 Orchard st.
Julia A. Robinson	<i>New Haven</i>	811 Orange st.

Nellie E. Robinson	<i>Montowese</i>	Montowese
Fanny S. Root	<i>New Haven</i>	164 Oak st.
Marietta I. Savage	<i>New Haven</i>	64 Whalley av.
Catherine L. Schmahl	<i>New Haven</i>	965 State st.
Nellie T. Scranton	<i>New Haven</i>	568 Chapel st.
Elizabeth Scudder	<i>New Haven</i>	164 Spring st.
Lily W. Sheridan	<i>New Haven</i>	519 Orange st.
Mary DeE. Slocum	<i>New Haven</i>	568 Chapel st.
Julia Smith	<i>New Haven</i>	59 E. Pearl st.
Kate F. Smith	<i>New Haven</i>	1150 Chapel st.
L. Jeannette Smith	<i>Plantsville</i>	Plantsville
Margaret E. Smith	<i>New Haven</i>	323 Cedar st.
Mary E. Smith	<i>New Haven</i>	33 Lines st.
May A. Smith	<i>New Haven</i>	81 Putnam st.
Minnie H. Smith	<i>West Haven</i>	West Haven
Ruth Smith	<i>North Haven</i>	North Haven
Ada T. Somers	<i>New Haven</i>	218 Goffe st.
Beatrice F. Spang	<i>New Haven</i>	53 Trumbull st.
Alaric B. Start	<i>New Britain</i>	New Britain
Annie L. Stone	<i>New Haven</i>	143 Lamberton st.
Nora C. Sullivan	<i>Ansonia</i>	Ansonia
Blanche G. Taylor	<i>New Haven</i>	291 Columbus av.
I. Maude Tisdale	<i>New Haven</i>	268 Orchard st.
Mary G. Tuttle	<i>West Haven</i>	West Haven
Jessie R. VanDeusen	<i>New Haven</i>	598 George st.
Adeline S. Wallace	<i>West Haven</i>	West Haven
Clarine Warner	<i>New Haven</i>	1370 Chapel st.
M. Rachel Webster	<i>New Haven</i>	38 Howe st.
Cornelia G. Welch	<i>New Haven</i>	1452 Chapel st.
Marian Welch	<i>New Haven</i>	1452 Chapel st.
Ethel M. Wilcox	<i>Norwalk</i>	Norwalk
Sarah S. Wilson	<i>New Haven</i>	379 Crown st.
Amelia Wolff	<i>New Haven</i>	563 Howard av.
Jennie D. Wood	<i>Meriden</i>	Meriden
M. Elmina Woodruff	<i>New Haven</i>	1 Howe st.
Bertha I. Wright	<i>New Haven</i>	31 Aner st.
Stephen B. Yacobian	<i>New Haven</i>	92 Webster st.

COURSES FOR TEACHERS, 163

# DEPARTMENT OF THEOLOGY

## (YALE DIVINITY SCHOOL)

### RESIDENT LICENTIATES,

#### ATTENDING LECTURES

Henry Blatz, Jr., Allegheny College	}	Westville, Conn.	980 Whalley av.
Frederick Harlan Bodman, Amherst College	}	Amherst, Mass.	94 York sq.
George William Carter, B.A. Wesleyan University 1892, S.D. Drew Theol. Seminary 1893	}	West Haven, Conn.	West Haven
Benjamin M. Fernanders		New Haven, Conn.	45 Foote st.
Francis Henry Hill		New Haven, Conn.	24 Foote st.
Frederick Augustus Holden, B.A. Amherst College 1898	}	Burlington, Conn.	Burlington
William Gilbert Lathrop, B.A. Brown University 1889, S.D. Yale University 1892	}	North Haven, Conn.	North Haven
Ernest Gladstone Richardson, B.A. Dickinson College 1896	}	Wallingford, Conn.	Wallingford
Christian Horning Shirk, B.S. Albright College 1896, S.D. Yale University 1898	}	Spring Grove, Pa.	28 E. D.
Elmer Ellsworth Shoemaker, B.A. Harvard University 1889, S.D. General Theol. Seminary, 1891	}	Glenburn, Pa.	215 Edgewood av.
Paul Moore Strayer, B.A. Baltimore City College 1892	}	Baltimore, Md.	36 E. D.
Jacob Suter		New Haven, Conn.	19 Broad st.
Benjamin Mead Wright, B.D. Yale University 1897	}	Orange, Conn.	Orange

RESIDENT LICENTIATES, 13

### GRADUATE CLASS,

#### PURSUING FOURTH YEAR STUDIES

John Pitt Deane, B.D. Cornell University 1890, S. D. Yale University 1898	}	Crown Point, N. Y.	85 W. D.
Arthur Elieida Fraser, B.A. Beloit College 1894, S. D. Yale University 1898	}	New Haven, Conn.	88 Lake pl.

Archibald McLelland Hall, PH.D. } Butler University 1892, B.D. Yale University 1897	New Haven, Conn.	8 E. D.
Charles Rollin Hudson, B.A. } Indiana University 1897	Franklin, Ind.	89 W. D.
Hohannes Krikorian, B.D. } Yale University 1883	Aintab, Turkey	16 Vernon st.
Charles Stedman Macfarland, B.D. } Yale University 1897	Melrose, Mass.	23 E. D.
Warren Joseph Moulton, B.A. } Amherst Coll. 1888, B.D. Yale Univ. 1893, PH.D. Univ. Göttingen 1898	Center Sandwich, N. H.	22 E. D.
Harry Ernest Peabody, B.A. } Harvard University 1887, B.D. Yale University 1891	New Haven, Conn.	506 Howard av.
Harry Frank Rall, M.A. } University of Iowa 1894, B.D. Yale University 1897	Des Moines, Iowa	Halle, Germany

GRADUATE CLASS, 9

## SENIOR CLASS

Arthur Adelbert Amy, B.A. } Beloit College 1896	Baraboo, Wisc.	14 E. D.
Marion Wesley Baker, B.A. } Union Christian College 1891, PH.D. Wabash College 1895	New Haven, Conn.	67 Gregory st.
Stanley Francis Blomfield, B.A. } Olivet College 1895	Detroit, Mich.	18 E. D.
Frelon Eugene Bolster, B.A. } Amherst College 1896	Portland, Me.	102 W. D.
John Peet Clyde, PH.B. } Iowa College 1894, M.A. Columbia Univ. 1898	Waucoma, Iowa	47 E. D.
Donald Grey Colp, B.A. } Fargo College 1896	Tacoma, Wash.	6 E. D.
Ernest Ellsworth Day, B.A. } University of Minnesota 1895	Minneapolis, Minn.	24 E. D.
Edward Russell Evans, B.A. } Amherst College 1894	Chelsea, Mass.	83 W. D.
Christopher Robert Hamlin, B.A. } Boston University 1893, M.A. Columbia University 1894	Lexington, Mass.	34 E. D.
Chauncey Jeddie Hawkins, B.A. } University of the Pacific 1896	Suisun, Cal.	101 Humphrey st.
Charles Arthur Jaquith, B.A. } Dartmouth College 1896	North Thetford, Vt.	90 W. D.
Herbert Atchinson Jump, B.A. } Amherst College 1896	Albany, N. Y.	44 E. D.

Eugene William Lyman, B.A. } Amherst College 1894	Cummington, Mass.	27 E. D.
Frank Barr McAllister, B.A. } Amherst College 1896	Lawrence, Mass.	104 W. D.
*Frederick Charles MacClave, B.A. } Oberlin College 1895	Steubenville, O.	
Fred Hulse Mapes, B.A. } Williams College 1896	Middletown, N. Y.	27 E. D.
David Yeretsian Moor, B.A. } Williams College 1896	Willington, Conn.	17 E. D.
Warren Morse, } Williams College	Bridgewater, Conn.	2 E. D.
Lewis Thurston Reed, B.A. } Amherst College 1893	Worcester, Mass.	55 W. D.
Edwin Bradford Robinson, B.A. } Amherst College 1896	Winchester, Mass.	103 W. D.
Baxter Waters, B.A. } Christian University 1894	Canton, Mo.	25 E. D.
Burt Leon York, B.A. } Amherst College 1896	Putnam, Conn.	133 Dixwell av.
Edwin Gaines Zellars, B.A. } Lane University 1896	Lecompton, Kansas	32 E. D.

SENIORS, 23

## MIDDLE CLASS

Parnag Adam Adamian, B.A. } Central Turkey College 1897	Aintab, Turkey	30 E. D.
Oliver Perry Avery, } Colorado College	Preston City, Conn.	73 W. D.
Arthur Ward Bailey, B.A. } Williams College 1896	Wollaston, Mass.	94 W. D.
William DeVerne Beach, B.A. } Yale University 1897	Bridgeport, Conn.	96 W. D.
George Manley Butler, B.A. } Amherst College 1897	Northampton, Mass.	98 W. D.
Alexander Cameron, B.A. } Carleton College 1896, M.A. Carleton College 1898	Duluth, Minn.	19 E. D.
Loring Bertie Chase, B.A. } Amherst College 1897	Marlboro, N. H.	26 E. D.
William Francis Clark, B.A. } Yale University 1897	Meriden, Conn.	31 E. D.
Edwin Benjamin Ferguson	Buffalo, N. Y.	97 W. D.
Philip Loring Gillett, B.A. } Colorado College 1897	Colorado Springs, Col.	99 W. D.
Karl Aug. Theodore Hoffman, B.A. } Yale University 1897	Rockville, Conn.	88 W. D.

\* Died Oct. 22, 1898



George Jones, B.A. } Amherst College 1896 }	<i>Syracuse, N. Y.</i>	45 E. D.
Jiroku Kawabe, } Doshisha University 1893 }	<i>Kyoto, Japan</i>	80 W. D.
Joseph Bardwell Lyman, PH.B. } New York University 1894 }	<i>Stapleton, S. I., N. Y.</i>	79 W. D.
William Grant McCann, B.A. } Yale University 1897 }	<i>Philadelphia, Pa.</i>	110 Gilbert av.
Donald McIver, B.A. } Univ. of North Carolina 1897 }	<i>Sanford, N. C.</i>	78 W. D.
Charles Greenway Marshall, B.A. } Oberlin College 1897 }	<i>McGregor, Iowa</i>	82 W. D.
George Redington Montgomery, B.A. } Yale Univ. 1892, LL.B. Yale Univ. 1894 }	<i>New Haven, Conn.</i>	75 W. D.
James Malcolm Nicol, B.A. } University of Toronto 1897 }	<i>London, Ont., Canada</i>	93 W. D.
Benjamin Franklin Root, B.A. } College of Emporia 1897 }	<i>Bridgeport, Conn.</i>	Bridgeport
Arthur Charles Watkins, B.A. } Johns Hopkins Univ. 1895 }	<i>Auburn, N. Y.</i>	112 W. D.
John Edward Whitley, B.A. } Drury College 1897 }	<i>Springfield, Mo.</i>	84 W. D.
Arthur Vyne Woodworth, B.A. } Amherst College 1893 }	<i>Berlin, Conn.</i>	26 E. D.

MIDDLE CLASS, 23

## JUNIOR CLASS

Walter Conkling Blakeslee, B. A. } Beloit College 1896 }	<i>Milwaukee, Wisc.</i>	51 E. D.
Ferdinand Quincy Blanchard, B.A. } Amherst College 1898 }	<i>West Newton, Mass.</i>	109 W. D.
Clément Amédée Bourret, B.A. } French American College 1898 }	<i>Spencer, Mass.</i>	90 W. D.
Franklin McClure Chaffee, B.A. } Cornell College 1890 }	<i>Mount Vernon, Iowa</i>	108 W. D.
Clement George Clarke, B.A. } Yale University 1895 }	<i>New Haven, Conn.</i>	95 W. D.
Horace Edwin Clute, B.S. } Gettysburg College 1897 }	<i>Harrisburg, Pa.</i>	40 E. D.
Wm. Lysander Burbank Collins, B.A. } Amherst College 1898 }	<i>Keene, N. H.</i>	110 W. D.
William Evan Davies, B.A. } Marietta College 1898 }	<i>Scranton, Pa.</i>	50 E. D.
James Francis Gregory, B.A. } Amherst College 1898 }	<i>Bordentown, N. J.</i>	31 E. D.
William Henry Hayes, B.A. } Wesleyan University 1895 }	<i>North Guilford, Conn.</i>	43 E. D.

Daniel Webster Hill	<i>Petersburg, Va.</i>	38 E. D.
Arthur Erastus Holt, B.A. } Colorado College 1898	<i>Longmont, Col.</i>	114 W. D.
Thomas Gwilym Jones, } Carmarthen College	<i>Merthyr Tydvil, Wales</i>	105 W. D.
Wilfred Cecil Keeler, PH.B. } State University of Iowa 1897	<i>Des Moines, Iowa</i>	35 E. D.
Clarence Melville Lippincott, B.A. } Waynesburg College 1898	<i>Waynesburg, Pa.</i>	36 E. D.
Dorance Bertel Lothrop, B.A. } Yale University 1895	<i>Pittsfield, Me.</i>	46 E. D.
George Leslie Omwake, B.A. } Ursinus College 1898	<i>Greencastle, Pa.</i>	37 E. D.
Charles Edward Piper, B.A. } Lombard University 1898	<i>Monticello, Ill.</i>	111 W. D.
Philip Henry Ralph, B.A. } Beloit College 1898	<i>Beloit, Wisc.</i>	41 E. D.
Frank Milton Sheldon, B.S. } Tabor College 1898	<i>Tabor, Iowa</i>	155 St. John st.
Carl Stackman, B.A. } Amherst College 1898	<i>Amherst, Mass.</i>	31 E. D.
Jay Thomas Stocking, B.A. } Amherst College 1895	<i>Lisbon Center, N. Y.</i>	20 E. D.
Walter McMullen Swann, B.A. } Union College 1898	<i>Albany, N. Y.</i>	46 E. D.
Charles McLean Warren, B.A. } Yale University 1898	<i>Collinsville, Conn.</i>	39 E. D.
Joseph Weiss, B.A. } Beloit College 1898	<i>DePere, Wisc.</i>	41 E. D.
Clarence LeRoy Wright	<i>Chicago, Ill.</i>	33 E. D.
Robert Samuel Young, B.A. } McKendree College 1897	<i>Lebanon, Ill.</i>	67 Gregory st.
Jacob Zerbe, B.A. } Lebanon Valley College 1898	<i>Annaville, Pa.</i>	A.

JUNIOR CLASS, 27

## SUMMARY

RESIDENT LICENTIATES,	13
GRADUATE CLASS,	9
SENIOR CLASS,	23
MIDDLE CLASS,	23
JUNIOR CLASS,	27
TOTAL,	95

# DEPARTMENT OF MEDICINE

## (YALE MEDICAL SCHOOL)

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### GRADUATE STUDENT

Nicola Mariani, M.D. } Univ. of Naples 1893 }	<i>New Haven, Conn.</i> 921 Grand av.
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### SENIOR CLASS

Thomas Joseph Bergin, B.A. } Yale University 1896 } John Ladd Burnham, B.A. } Yale University 1896 } William Timothy Cannon Arthur Hall Dundon Dean Foster, B.A. } Univ. of Kansas 1896 } Arshag Der Margosian, B.A. } Euphrates College 1894 } Timothy Grattan O'Connell James Pullman, B.A. } Wesleyan University 1896 } Edward Dorland Smith, B.A. } Yale University 1896 } Albert Eugene VonTobel, B.A. } Yale University 1896 }	<i>New Haven, Conn.</i> 14 Daggett st. <i>New Haven, Conn.</i> 98 Dwight st. <i>New Haven, Conn.</i> 57 Liberty st. <i>Bridgeport, Conn.</i> Bridgeport <i>Medford, Oklahoma</i> 174 Winchester av. <i>Harpoot, Turkey</i> New Britain <i>Bristol, Conn.</i> West Haven <i>Patchogue, N. Y.</i> 41 High st. <i>Peru, N. Y.</i> 123 York st. <i>Torrington, Conn.</i> 391 George st.
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SENIOR CLASS, 10

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### JUNIOR CLASS

Edward Fiske Ashley, PH.B. } Yale University 1897 } William Edward Balmer, B.A. } Yale University 1897 } John Harry Diederichs Budau George Lamb Buist, Jr., B.A. } Yale University 1896 } Russell Shepard Church Frederick Coonley, B.A. } Yale University 1896 } Cyrus West Field William Joseph Flannery Nathan Leroy Griffin Edgar Francis Hamlin	<i>Waterbury, Conn.</i> 91 Lake pl. <i>Whitinsville, Mass.</i> 150 St. John st. <i>Bridgeport, Conn.</i> Bridgeport <i>Charleston, S. C.</i> 120 College st. <i>Bristol, R. I.</i> 1142 Chapel st. <i>Port Richmond, N. Y.</i> 333 York st. <i>New York City</i> 1161 Chapel st. <i>New Britain, Conn.</i> New Britain <i>New London, N. H.</i> 3 Sylvan av. <i>Plantsville, Conn.</i> 391 Crown st.
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Charles William Henze	<i>New Haven, Conn.</i>	131 West st.
Thomas Vincent Hynes	<i>S. Meriden, Conn.</i>	S. Meriden
John Wagner Ives	<i>West Goshen, Conn.</i>	88 Park st.
William John Maroney	<i>Springfield, Mass.</i>	11 ½ Park st.
Herman Canfield Pitts	<i>Bristol, R. I.</i>	91 W. D.
Charles Oscar Purinton, PH.B. Yale University 1897	{ <i>New Hartford, Conn.</i>	1142 Chapel st.
James Francis Quinn		
Charles William Snyder, B.A. Fisk University 1896	{ <i>Hartford, Conn.</i>	1016 Chapel st.
Paul Russel Stetson		
Frank Willie Stevens	<i>New Haven, Conn.</i>	38 Jewell st.
Harold Appleton Tarbell	<i>New Haven, Conn.</i>	121 York st.
Louis Joseph Thibault	<i>Bridgeport, Conn.</i>	1142 Chapel st.
Robert Graham Tracy	<i>Waterbury, Conn.</i>	528 Chapel st.
Wesley Grove Vincent, B.A. Yale University 1896	<i>New Haven, Conn.</i>	216 Cedar st.
Noah Samuel Wadhams, PH.B. Yale University 1897	{ <i>Cottage City, Mass.</i>	532 P.
John George Williams		
William Houston Wright	<i>New Haven, Conn.</i>	22 Prince st.
	<i>Branford, Conn.</i>	121 York st.
	<i>Bridgeport, O.</i>	1016 Chapel st.

## JUNIOR CLASS, 27

## SECOND YEAR

Irving Edwin Brainard	<i>Bristol, Conn.</i>	1151 Chapel st.
Noah Arthur Burr, B.A. Yale University 1898	{ <i>Winchester Center, Conn.</i>	105 Park st.
Harry Carter		
John Peter Colgan	<i>S. Manchester, Conn.</i>	1098 Chapel st.
William Joseph Cooney	<i>New Haven, Conn.</i>	118 Ashmun st.
Patrick Vincent Costello	<i>New Haven, Conn.</i>	107 Greene st.
Robert Nelson Fuller	<i>New Haven, Conn.</i>	214 Franklin st.
Samuel Gurney	<i>New Haven, Conn.</i>	40 Kensington st.
Gould Shelton Higgins	<i>Bridgeport, Conn.</i>	3 Sylvan av.
Edward Charles Krause	<i>Hanover, Conn.</i>	192 York st.
Hubert Asahel Lane, PH.B. Yale University 1897	<i>New Haven, Conn.</i>	26 Ward st.
Leone Franklin LaPierre	<i>Russell, Pa.</i>	99 Howe st.
Walter Sidders Lay	<i>Norwich, Conn.</i>	404 Crown st.
Arthur Field Lindley	<i>Westbrook, Conn.</i>	560 Winthrop av.
Howard DeForest Lockwood	<i>Montclair, N. J.</i>	1161 Chapel st.
Joseph Abraham Loeb	<i>Bridgeport, Conn.</i>	3 Sylvan av.
Nelson Amos Ludington, Jr.	<i>New Haven, Conn.</i>	200 Franklin st.
Arthur Samuel McQueen	<i>New Haven, Conn.</i>	238 Grand av.
	<i>New Haven, Conn.</i>	11 ½ Park st.

Thomas Francis Maher	<i>New Haven, Conn.</i>	133 Nash st.
Frederick Fletcher Malony	<i>Dundee, N. Y.</i>	57 W. D.
George August May	<i>Philadelphia, Pa.</i>	Gymnasium
James Percival Morrill	<i>Springfield, Mass.</i>	121 York st.
Walter Leroy Murray	<i>New Haven, Conn.</i>	321 Cedar st.
Cyrus Edmond Pendleton	<i>Hebron, Conn.</i>	1098 Chapel st.
Corydon Mott Ryno, B.S. } Rutgers College 1898	<i>Benton Harbor, Mich.</i>	121 York st.
Fred Hurd Scofield	<i>Bridgeport, Conn.</i>	3 Sylvan av.
William Senger, B.A. } Williams College 1895	<i>Port Jervis, N. J.</i>	381 Crown st.
George Streit	<i>New Haven, Conn.</i>	S. Quinnipiac st.
James Burton Williams	<i>Bridgeport, Conn.</i>	Bridgeport

SECOND YEAR, 29

## FIRST YEAR

Henry Ely Adams	<i>Bloomfield, Conn.</i>	19 Sylvan av.
James John Baron, B.A. } Anatolia College 1895, B.D. Yale University 1898	<i>Sivas, Turkey</i>	92 Webster st.
George Washington Barrett	<i>Buffalo, N. Y.</i>	91 Olive st.
David Bercinsky	<i>New Haven, Conn.</i>	28 Dow st.
Edward Sumner Brackett, B.A. } Yale University 1897	<i>Hartford, Conn.</i>	143 York st.
William Tillinghast Bull, PH.B. } Yale University 1888	<i>Newport, R. I.</i>	120 College st.
William Garth Clopton	<i>New York City</i>	1098 Chapel st.
Alfred Duke	<i>New Haven, Conn.</i>	37 Townsend st.
James Joseph Dunleavy	<i>New Haven, Conn.</i>	14 St. John st.
Alfred Lauder Ellis, B.S. } Trinity College 1898	<i>Hartford, Conn.</i>	1010 Chapel st.
Francis Arthur Emmett	<i>New Britain, Conn.</i>	120 York st.
Frederick Charles Ender	<i>W. Haven, Conn.</i>	282 Washington av.
Peter Gleeson	<i>Bridgeport, Conn.</i>	E. Bridgeport
Dennis Lawrence Glynn	<i>Winsted, Conn.</i>	99 Howe st.
James Henry Haberlin	<i>Pawtucket, R. I.</i>	120 York st.
Frederick William Hamilton	<i>Ballymoney, Ireland</i>	292 Congress av.
Winfred Morgan Hartshorn, B.A. } Yale University 1898	<i>New Haven, Conn.</i>	74 Howe st.
Herman Philip Hessler	<i>New Haven, Conn.</i>	898 State st.
William McKimmie Higgins, B.A. } Yale University 1893	<i>Thompsonville, Conn.</i>	1090 Chapel st.
John George Hugo	<i>New Haven, Conn.</i>	1245 State st.
Robert Barnabas Keane	<i>Bridgeport, Conn.</i>	Bridgeport

John Edward Lane, B.A. }	Hadley, Mass.	130 Howe st.
Yale University 1894 }		
Treby Williams Lyon	New London, Conn.	120 York st.
William Clement McKellar	Bridgeport, Conn.	Bridgeport
Henry Philip Menges	New Haven, Conn.	54 Crown st.
John David Moore	New Haven, Conn.	223 Grand av.
Oran Alexander Moser	Waterbury, Conn.	33 Clinton av.
Elbert Ames Munsell	New Haven, Conn.	178 Quinipiac st.
John James Pagter	New Haven, Conn.	47 Prince st.
Frank Edward Phillips	New Haven, Conn.	130 Howe st.
James Francis Rooney	Plainville, Conn.	27 Sylvan av.
John Francis Ryle	Stratford, Conn.	19 Sylvan av.
Ralph Hugo Schneeloch	New Haven, Conn.	294 Elm st.
Adolph Ernest Seydel	New Haven, Conn.	54 Franklin st.
Albert Hayes Sharpe	New Haven, Conn.	141 Dwight st.
Dwight Nelson Skinner	Rockville, Conn.	120 York st.
Andrew Clay Swenson	Waterbury, Conn.	1044 Chapel st.
Francis William Vaughan	New Haven, Conn.	8 Prospect pl.
Thomas Walsh, Jr.	Middletown, Conn.	155 Spring st.
Ellsworth Granville Warner	Hamden, Conn.	Hamden
Alfred Burdette Wood	Hartford, Conn.	Hartford
Francis William Wrinn	New Haven, Conn.	76 Washington av.
Frank Hillard Young	Lynn, Mass.	404 Crown st.

FIRST YEAR, 43

## SUMMARY

GRADUATE STUDENT,	.	.	.	.	.	1
SENIOR CLASS, .	.	.	.	.	.	10
JUNIOR CLASS, .	.	.	.	.	.	27
SECOND YEAR, .	.	.	.	.	.	29
FIRST YEAR, .	.	.	.	.	.	43

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# DEPARTMENT OF LAW

## (YALE LAW SCHOOL)

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### GRADUATE STUDENTS

Nehemiah Candee, B.A.	}	<i>New Haven, Conn.</i>	3 Sylvan av.
Yale University 1893, LL.B.			
Yale Univ. 1897, Attorney at Law			
Tatsugoro Fukuda,	}	<i>Tokyo, Japan</i>	120 Dwight st.
Tokyo English Law School 1891			
Charles Henry Huberich, LL.B.	}	<i>San Antonio, Texas</i>	276 Elm st.
University of Texas 1897, LL.M.			
Univ. of Texas, Attorney at Law			
Walter Scott Miller, LL.B.	}	<i>New Haven, Conn.</i>	865 Chapel st.
Shaw University 1895 and			
Yale Univ. 1897, Attorney at Law			
Phelps Montgomery, B.A.	}	<i>New Haven, Conn.</i>	221 Whitney av.
Yale University 1895, LL.B.			
Yale Univ. 1898, Attorney at Law			
Joseph Oudinot Moré, B.A.	}	<i>New Haven, Conn.</i>	65 W. D.
Yale University 1896, LL.B.			
Yale University 1898			
William O'Keefe, Jr., LL.B.	}	<i>New Haven, Conn.</i>	102 Orange st.
Yale Univ. 1897, Attorney at Law			
Samuel Peterson, PH.D.	}	<i>Los Angeles, Cal.</i>	55 Prospect st.
Yale University 1897, LL.B.			
Yale Univ. 1898, Attorney at Law			
Charles Elliott Pickett, LL.B.	}	<i>Seymour, Conn.</i>	682 Whitney av.
Yale University 1895			
Thomas Francis Ryan, LL.B.	}	<i>Torrington, Conn.</i>	Torrington
Yale Univ. 1897, Attorney at Law			
Charles Phineas Sherman, B.A.	}	<i>New Haven, Conn.</i>	38 Chestnut st.
Yale University 1896, LL.B.			
Yale Univ. 1898, Attorney at Law			

### GRADUATE STUDENTS, II

### SENIOR CLASS

Ciarence Alfred Alexander	<i>Dayton, O.</i>	103 Park st.
Arnon Augustus Alling, B.A. }	<i>New Haven, Conn.</i>	30 Mansfield st.
Yale University 1896		
William Ansel Arnold, B.A. }	<i>Willimantic, Conn.</i>	531 P.
Yale University 1896		
Earliss Palmer Arvine	<i>New Haven, Conn.</i>	1169 Chapel st.
Junius Crawley Ayler	<i>New Haven, Conn.</i>	5 Winter st.

Charles William Bauby	<i>Waterbury, Conn.</i>	251 Crown st.
Charles William Birely, B.A. } Yale Univ. 1896, Attorney at Law }	<i>New Haven, Conn.</i>	570 P.
Stuart Robinson Bolin	<i>Circleville, O.</i>	59 Prospect st.
Henry Manchester Boss, Jr.	<i>Warren, R. I.</i>	91 W. D.
Laurens Reeve Bowden	<i>Brooklyn, N. Y.</i>	104 Wall st.
Thomas Bowen, PH.B. } Yale Univ. 1896, Attorney at Law }	<i>Ansonia, Conn.</i>	Ansonia
Stanley Pearce Bradish	<i>New York City</i>	132 Howe st.
Clay Stone Briggs, } Attorney at Law }	<i>Galveston, Tex.</i>	376 Elm st.
Arthur Hallock Brown, B.A. } Yale University 1897 }	<i>New Haven, Conn.</i>	1193 Chapel st.
Charles Edward Buell, B.A. } Williams College 1896 }	<i>Litchfield, Conn.</i>	263 Orange st.
Otis Herman Burnett, B.A. } Univ. Indiana 1893, LL.B. Northern Ind. Law School 1898 }	<i>Marion, Ill.</i>	163 York st.
Charles Pope Caldwell, LL.B. } Univ. Texas 1898, Attorney at Law }	<i>Austin, Tex.</i>	9 Library st.
Ward Church	<i>New Haven, Conn.</i>	89 Sherman av.
Walter Haven Clark, B.A. } Yale University 1896 }	<i>Hartford, Conn.</i>	533 P.
William Henry Comley, Jr., B.A. } Yale University 1897 }	<i>Bridgeport, Conn.</i>	Bridgeport
Theobald Mathew Connor, B.A. } Yale University 1897 }	<i>Northampton, Mass.</i>	819 Chapel st.
Arthur Linton Corbin, B.A. } University of Kansas 1894 }	<i>New Haven, Conn.</i>	26 Howe st.
William Joseph Coughlin, Jr.	<i>Middletown, Conn.</i>	251 Crown st.
William Merwin Craft, B.S. } Wash. and Jeff. Coll. 1896, Attorney at Law }	<i>Brookville, Pa.</i>	114 Howe st.
Michael Thomas Downes, B.A. } Yale University 1897 }	<i>Wallingford, Conn.</i>	Wallingford
Thomas James Field, Jr.	<i>Louisville, Ky.</i>	1044 Chapel st.
Michael Flaherty, Jr., B.A. } Yale Univ. 1896, Attorney at Law }	<i>Derby, Conn.</i>	Derby
Charles Hunter Garnett, M.A. } University Illinois 1897 }	<i>St. Mary's, Ill.</i>	9 Library st.
Richard Johnston Goodman, B.A. } Yale University 1896 }	<i>Hartford, Conn.</i>	427 Temple st.
Eugene Eaton Grimm	<i>Franklin, Pa.</i>	1044 Chapel st.
Robert Barlow Harkness	<i>Salt Lake City, Utah</i>	83 Elm st.
Charles Henry Harriman	<i>Fryeburg, Me.</i>	818 Chapel st.
Wm. Henry Harrison Hewitt, B.A. } Yale University 1897 }	<i>New Haven, Conn.</i>	65 Dixwell av.



Rurey Frank Hill, B.A. { Yale University 1897	Kittanning, Pa.	129 Howe st.
Samuel Eugene Hoyt, PH.B. { Yale University 1897	New Haven, Conn.	309 Howard av.
Joseph Moss Ives	Danbury, Conn.	92 W.D.
Frederick Stephen Jackson, B.A. { Yale Univ. 1896, Attorney at Law	Waterbury, Conn.	570 P.
William Carmody Keane	New Haven, Conn.	121 Putnam st.
Edwin Ruthven Kelsey, Jr., B.A. { Yale University 1897	Short Beach, Conn.	45 William st.
Charles McCamic	Wellsburg, W. Va.	3 Sylvan av.
Roy Lewis McClave	Steubenville, O.	21 E. D.
William John McConnell	Franklin, Pa.	1044 Chapel st.
William Harry McMorris, B.A. { Wesleyan University 1897	Harrisburg, Pa.	119 Park st.
Knox Maddox, B.A. { Yale University 1897	San Francisco, Cal.	83 Elm st.
Clifford Cowles Mix	Hartford, Conn.	123 York st.
Harvey Lucius Montgomery, B.A. { Centre College 1897	Micanopy, Fla.	284 Crown st.
Thomas Francis Noone	Rockville, Conn.	1044 Chapel st.
Frank Evans Northrop	New Haven, Conn.	10 Pearl st.
Simon Phillips Northrup, LL.B. { Dickinson Coll. 1897, Att'y at Law	Augusta, N. J.	161 York st.
Louis Curtis Oakley, B.A. { Yale University 1896	Oswego, N. Y.	103 Park st.
Edward Patrick O'Meara	New Haven, Conn.	21 Daggett st.
Albert Oswald Pallman	New Haven, Conn.	494 Winthrop av.
Arthur James Raney	Stillman Valley, Ill.	1044 Chapel st.
Hugh Nathan Roberts	Chicago, Ill.	73 Lake pl.
Charles Tier Russell	Haddam, Conn.	Haddam
Horace Andrew Segelbaum	Harrisburg, Pa.	1044 Chapel st.
Homer Harvey Shepard	New Haven, Conn.	159 Blatchley av.
Edward Willis Sherman	New Bedford, Mass.	1044 Chapel st.
Harry Roston Sherwood	Westport, Conn.	1044 Chapel st.
Ernest Clyde Simpson, B.S. { Carson and Newman Coll. 1893	Knoxville, Tenn.	1044 Chapel st.
Edward Lawrence Smith, B.A. { Yale University 1897	Hartford, Conn.	71 W.D.
George Vrooman Smith, B.A. { Union University 1894	Tioga, Pa.	1044 Chapel st.
Frederick Richard Smyth	Brooklyn, N. Y.	64 High st.
Louis Michael Sonnenberg, B.A. { Yale University 1897	New Haven, Conn.	696 State st.
George Jehu Stoner	Hartford, Conn.	276 Elm st.
Charles Heitler Studinski, B.A. { Yale University 1897	Pueblo, Col.	343 George st.

Thornton Joseph Theall	<i>Brooklyn, N. Y.</i>	1151 Chapel st.
Eyler Jonathan Todd	<i>Springfield, O.</i>	1044 Chapel st.
Jacob Bertram Ullman	<i>New Haven, Conn.</i>	169 Olive st.
Robert Jeremiah Woodruff, B.A. } Yale Univ. 1894, Attorney at Law	<i>Orange, Conn.</i>	865 Chapel st.
Taro Yamada	<i>Tokyo, Japan</i>	20 Whalley av.

SENIOR CLASS, 70

## MIDDLE CLASS

Harry Browning Agard	<i>Tolland, Conn.</i>	1044 Chapel st.
Milton Bacharach	<i>Hartford, Conn.</i>	151 Bradley st.
Thomas Francis Barry	<i>Derby, Conn.</i>	Derby
Walter Le Grand Bevins	<i>Meriden, Conn.</i>	Meriden
Jacob Emery Blatchley	<i>New Haven, Conn.</i>	219 Blatchley av.
Ezra Selig Brudno	<i>Cleveland, O.</i>	119 Park st.
William Francis Conway	<i>Newark, N. J.</i>	383 George st.
Thomas Christopher Coughlin	<i>Bridgeport, Conn.</i>	Bridgeport
Hial Stow DeNeeffe	<i>Plantsville, Conn.</i>	333 York st.
Junius Bell Douglas	<i>Forestville, Conn.</i>	314 Crown st.
John Warren Edgerton, B.A. } Trinity College 1894, M.A. Yale University 1896	<i>Middletown, Conn.</i>	Middletown
George Joseph Finnegan	<i>Brooklyn, N. Y.</i>	1151 Chapel st.
Michael John Flanagan	<i>Bridgeport, Conn.</i>	Bridgeport
Albert William Haigh	<i>Brooklyn, N. Y.</i>	77 W. D.
Thomas Francis Hickey	<i>Bridgeport, Conn.</i>	58 Dwight pl.
Henry Florian Hildreth	<i>Chicago, Ill.</i>	343 George st.
Leslie Elmer Hubbard	<i>Meriden, Conn.</i>	89 Bristol st.
Franklyn Laws Hutton	<i>New York City</i>	22 College st.
Ernest Lockwood Isbell	<i>New Haven, Conn.</i>	399 Whalley av.
Albert Francis Judd, Jr., B.A. } Yale University 1897	<i>Honolulu, H. I.</i>	83 Elm st.
David Kempner	<i>Hartford, Conn.</i>	151 Bradley st.
Francis Joseph Kinney	<i>Branford, Conn.</i>	Branford
Kenkichi Kodera	<i>Kobe, Japan</i>	438 Elm st.
Simon Herman Kugel	<i>New Haven, Conn.</i>	92 Broad st.
Wallace Rutherford Lane	<i>Providence, R. I.</i>	130 Howe st.
John Lindsey Lyman	<i>Southampton, Mass.</i>	57 Lake pl.
Samuel Howard McCain	<i>Brockwayville, Pa.</i>	119 Park st.
Paul Bovard MacLane	<i>New Haven, Conn.</i>	33 Howe st.
William John Malone	<i>Forestville, Conn.</i>	30 Hallock st.
Robert Lewis Munger, B.A. } Yale University 1897	<i>Ansonia, Conn.</i>	Ansonia
George Hazard Pearce	<i>Hartford, Conn.</i>	276 Elm st.

Don Piatt Pennywitt	<i>Macomb, Ill.</i>	215 Orange st.
Alfred Silliman Perry	<i>Southport, Conn.</i>	Southport
William Roger Pitkin	<i>Boston, Mass.</i>	82 Wall st.
George William Rourke	<i>Meriden, Conn.</i>	Meriden
Claude William Shattuck	<i>Brooklyn, N. Y.</i>	137½ Congress av.
George White Skinner, Jr.	<i>Denver, Col.</i>	22 College st.
John Avery Spaford	<i>Lebanon, Conn.</i>	Bridgeport
Charles Conrad Spreyer	<i>New Haven, Conn.</i>	38 Elliott st.
Clayton Humiston Tyler	<i>Hartford, Conn.</i>	149 College st.
Frederick Lee Vandever	<i>Brooklyn, N. Y.</i>	59 Prospect st.
George Zahm	<i>Syracuse, N. Y.</i>	276 Elm st.

MIDDLE CLASS, 42

## JUNIOR CLASS

Alfred Bailey Aubrey	<i>Meriden, Conn.</i>	Meriden
William Lockwood Barnett, B.A. } Yale University 1898	<i>New Haven, Conn.</i>	27 College st.
Frank Albert Bartlett	<i>New Haven, Conn.</i>	312 Orange st.
Clifford Edward Livingston Bear, B.A. } Yale University 1898	<i>Lyons, N. Y.</i>	59 Prospect st.
Martin Toscan Bennett, B.A. } Yale University 1898	<i>Hartford, Conn.</i>	1151 Chapel st.
Carl Frederick Bollmann	<i>New Haven, Conn.</i>	40 Sylvan av.
James Henry Buchanan	<i>Waterbury, Conn.</i>	232 Columbus av.
Charles Luther Burnham, B.A. } Trinity College 1898	<i>Hartford, Conn.</i>	333 York st.
Andrew Storrs Campbell, B.A. } Yale University 1898	<i>Enfield, Conn.</i>	7 College st.
Orrin Melville Clark, B.A. } Yale University 1898	<i>Whitewood, S. D.</i>	163 York st.
Roy Perry Clark, S.B. } Des Moines Coll. 1897	<i>Marshalltown, Iowa</i>	120 High st.
Robert Emmett Crowe	<i>Chicago, Ill.</i>	66 W. D.
Albert Richard Cunha	<i>Honolulu, H. I.</i>	64 High st.
Robert DeForest	<i>Bridgeport, Conn.</i>	Bridgeport
Hubert Loomis Dickerman	<i>Westville, Conn.</i>	Westville
Morton Billings Downs	<i>Bridgeport, Conn.</i>	Bridgeport
Morris Upham Ely, B.A. } Yale University 1898	<i>Brooklyn, N. Y.</i>	526 P.
Robert Blair Ewart	<i>New York City</i>	1044 Chapel st.
Ferris Faulkner	<i>New York City</i>	128 High st.
Arthur Fessenden	<i>New Haven, Conn.</i>	18 Cassius st.
Theodore Henry Ficke	<i>Lake Zurich, Ill.</i>	163 York st.

Herbert Wescott Fisher, B.A. } Yale University 1898	<i>New Haven, Conn.</i> 459 Prospect st.
Charles Job Fowler, B.A. } Yale University 1898	<i>Thompsonville, Conn.</i> 59 Prospect st.
Charles James Fox	<i>New Haven, Conn.</i> 58 Sylvan av.
Charles Anthony Fulton-Phizenmeyer	<i>New York City</i> 37 Wooster pl.
Morrell Walker Gaines	<i>Austin, Tex.</i> 223 York st.
Albion Lester Gile	<i>Portland, Oregon</i> 163 York st.
Robert Hubbard Gould, B.A. } Yale University 1898	<i>Bridgeport, Conn.</i> Bridgeport
John Hillard	<i>Farmington, Conn.</i> Farmington
Charles Potter Hine, B.A. } Yale University 1898	<i>Poland, O.</i> 90 Whalley av.
Frank Thomas Hooker, B.A. } Yale University 1896	<i>New Haven, Conn.</i> 402 Crown st.
Lorenzo William Housel, B.A. } Yale University 1897	<i>Nichols, N. Y.</i> 25 Home pl.
Xenophon Pearce Huddy	<i>Providence, R. I.</i> 120 High st.
William Henry Jackson	<i>Waterbury, Conn.</i> 570 P.
Warren Bowditch Johnson, B.A. } Yale University 1898	<i>Enfield, Conn.</i> Enfield
Harry Alfonso Jones	<i>Canton, O.</i> 297 Crown st.
Robert Stanley Kearney	<i>New Haven, Conn.</i> 21 Prince st.
Cornelius Porter Kitchel, B.A. } Yale University 1897	<i>East Liverpool, O.</i> 27 High st.
Philip Henry Kunzig	<i>Philadelphia, Pa.</i> 333 York st.
John Eugene Leverone	<i>Cincinnati, O.</i> 124 Wall st.
Franklin Atkins Lord, B.A. } Yale University 1898	<i>Moorhead, Minn.</i> 159 Elm st.
Charles Thomas McClure	<i>New Haven, Conn.</i> 1057 Whalley av.
Samuel Thomas Maddox, Jr.	<i>Brooklyn, N. Y.</i> 333 York st.
Walter Dunham Makepeace, B.A. } Yale University 1897	<i>Springfield, Mass.</i> 651 Orange st.
John William Mariani, B.A. } Univ. of Naples 1892	<i>Naples, Italy</i> 921 Grand av.
George Alson Marvin	<i>Norfolk, Conn.</i> 119 W. D.
Albert Jones Merritt	<i>Bridgeport, Conn.</i> Bridgeport
Harry Stambaugh Moul	<i>York, Pa.</i> 333 York st.
George Alphonsus Mullen, B.A. } Yale University 1898	<i>Trumbull, Conn.</i> 1151 Chapel st.
Benjamin Frank Nead	<i>Harrisburg, Pa.</i> 137 Dwight st.
Joseph Houck Neece	<i>Williamsport, Pa.</i> 137 Dwight st.
Herbert Elwin Nims, B.A. } Yale University 1898	<i>Ashburnham, Mass.</i> 108 Dixwell av.
John Kerr Payne, B.A. } Marietta College 1898	<i>Knoxville, Tenn.</i> 163 York st.

Carlos Curtis Peck	Bridgeport, Conn.	Bridgeport
William Thomas Rawlins	Honolulu, H. I.	64 High st.
Frederick Augustus Robertson	New Haven, Conn.	68 Mechanic st.
John Dunbar Rusher, B.A. } Yale University 1898	Brooklyn, N. Y.	
Frank William Sheehan, B.A. } Yale University 1898	West Haven, Conn.	West Haven
William Parsons Slocovich, PH.B. } Yale University 1898	New Brunswick, N. J.	90 Wall st.
Nathan Ayer Smyth, B.A. } Yale University 1897	New Haven, Conn.	328 Temple st.
Edward Joseph Stanford	New Haven, Conn.	513 Orange st.
Welles Kirk Stanley, B.A. } Ohio Wesleyan University 1895	Delaware, O.	64 Whalley av.
Harry Donaldson Thompson	New Haven, Conn.	102 Orange st.
Henry Hotchkiss Townshend, B.A. } Yale University 1897	New Haven, Conn.	234 Church st.
Thomas Josiah Wallace, Jr.	Bunceton, Mo.	64 Whalley av.
Eben Patterson Watson	Buffalo, N. Y.	295 York st.
Ernest Hubbard Wells, B.A. } Yale University 1893	Louisville, Ky.	72 Mansfield st.
David John Wendel	Newark, N. J.	383 George st.
Heaton Hobart Wright	New Haven, Conn.	411 Temple st.
JUNIOR CLASS, 69		

## SPECIAL STUDENTS

Leon William Beardsley	Bridgeport, Conn.	Bridgeport
Robert Hamilton Ross	Chicago, Ill.	333 York st.
SPECIAL STUDENTS, 2		

## SUMMARY

GRADUATES	.	.	.	.	.	.	11
SENIOR CLASS	.	.	.	.	.	.	70
MIDDLE CLASS	.	.	.	.	.	.	42
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## SUMMARY OF STUDENTS

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### DEPARTMENT OF PHILOSOPHY AND THE ARTS:

GRADUATE SCHOOL	-	-	-	283
YALE COLLEGE	-	-	-	1224
SHEFFIELD SCIENTIFIC SCHOOL	-			567
ART SCHOOL	-	-	-	84
DEPARTMENT OF MUSIC	-	-		76
				<hr style="width: 10%; margin-left: auto; margin-right: 0;"/> 2234
YALE DIVINITY SCHOOL	-	-	-	95
YALE MEDICAL SCHOOL	-	-	-	110
YALE LAW SCHOOL	-	-	-	194
				<hr style="width: 10%; margin-left: auto; margin-right: 0;"/> 2633
Deduct for names inserted twice	-			122
				<hr style="width: 10%; margin-left: auto; margin-right: 0;"/>
TOTAL	-	-	-	2511
				<hr style="width: 10%; margin-left: auto; margin-right: 0;"/>
COURSES FOR TEACHERS	-	-	-	163

## DEGREES CONFERRED IN 1898

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### BACHELORS OF ARTS

George Haven Abbott	Alexander Bunce
James Frank Adams, B.A. }	Eugene Watson Burlingame
Baylor University 1896 }	Jacob Burnet Burnet
Carroll Storrs Alden	Noah Arthur Burr
Thomas Allen, 3d.	David DeForest Burrell
Carl Emanuel Andreen	Eli Ives Butler
William Whiting Andrews, Jr.	Henry Emerson Butler
Robert Wodrow Archbald, Jr.	Louis Henry Butterworth
Herman Nathaniel Baker	Dallas Cannon Byers
Abraham Rosecrans Baldwin	Bertram Llewellyn Cadwalader
Arthur Douglas Baldwin	William Patrick Callanan
Carleton Henry Barclay	Robert Callender
William Lockwood Barnett	Clifford Dudley Cheney
Ashbel Hinman Barney	Colby Mitchel Chester, Jr., PH.B. }
Arthur Henry Bartlett	Yale University 1897 }
Samuel Eliot Bassett	Wilson Kelley Chisholm
Abraham Burtis Baylis, Jr.	Augustus Wilson Clapp
Clifford Edward Livingston Bear	Bruce Clark
Norman Buckingham Beecher	Edward Lord Clark
Enoch Frye Bell	Horace Bushnell Clark
William Park Benjamin	Ralph Ewing Clark
Burnham Carter Benner	Thadeous Hugh Claypool, B.A. }
Martin Toscan Bennett	Baylor University 1895 }
Edgar Hayes Betts	Augustus Frisbie Cleveland
Wyllys Rosseter Betts	James Dickerson Coe
Luther Guiteau Billings, Jr.	Henry Baldwin Cogswell
Hiram Bingham, Jr.	Russell Ervin Colcord
Eugene Blumenthal	George Anderson Colston
Franklin Hendrickson Booth	Molton Avery Colton
Howard Seymour Borden	Gilbert Sedgwick Cowan
Lewis Ladd Brastow	Nathaniel Hartley Cowdrey
William Lodge Brett	James Tilden Crane
George Alexander Bridge	Raymond Moreau Crosby
Howard Futhey Brinton	Robert Henry Crowell
John Merritt Bromley	Henry Hastings Curran
James Coffinberry Brooks	DeWitt Davis
Daniel Joseph Brown	Moreau Delano
Thomas Eckmund Brownlee, B.S. }	Marshall Jewell Dodge
Westminster (Pa.) College 1894 }	William Francis Dominick

- |                                 |                                |
|---------------------------------|--------------------------------|
| Robert Graham Dun Douglass      | Philip William Grece           |
| Edgar Selah Downs               | Charles Welles Gross           |
| Philo Walker Drury, B.A. }      | Eugene Hale, Jr.               |
| Western College (Iowa) 1897 }   | William Browne Hale            |
| Philip Earl Dudley              | James Alexander Hamilton       |
| Dana Lee Eddy                   | Taber Hamilton                 |
| David Brewer Eddy               | George Arthur Hanford          |
| Manfred William Ehrich          | Archibald Cary Harrison        |
| George Ellis                    | Joseph Hall Hart               |
| Morris Upham Ely                | Winfred Morgan Hartshorn       |
| Edward Octavius Emerson, Jr.    | Harold Ames Hatch              |
| William Gage Erving             | Adelbert Stone Hay             |
| Ray Llewellyn Evans             | Abner Pierce Hayes             |
| Thomas Mellon Evans             | Josiah Judson Hazen            |
| Charles Everett Farr            | Daniel Learned Hebard          |
| Fred Julius Fassett             | James Francis Joseph Hennessey |
| Malcolm Shiland Fearey          | John Joseph Higgins            |
| Morton Lazell Fearey            | Henry Winslow Hincks           |
| Joseph Livingston Fewsmith      | Charles Potter Hine            |
| Herbert Wescott Fisher          | Frank Gilbert Hinsdale         |
| Ashbel Parmelee Fitch, Jr.      | Lawrence Hitchcock             |
| Henry Fletcher                  | Robert Reynolds Hitt           |
| William Ruthven Flint           | Peter Hagner Holme             |
| Justus Miles Forman             | Ernest Howe                    |
| John Elden Foster, B.A. }       | Robert Ernest Hume             |
| Western College (Iowa) 1897 }   | Robert Scott Hume              |
| Charles Job Fowler              | Frederick William Huxford      |
| John Harold Fuller              | Charles Edward Ives            |
| Charles Brownell Gage           | Stuart Wells Jackson           |
| Weston Spies Gales              | Warren Prescott Jackson        |
| Herbert Draper Gallaudet        | Thomas Martin James            |
| Arthur Thomas Galt              | John Jay                       |
| Robert Thompson Garrison        | Job Edgar Johnson              |
| Robert Harvey Gay               | Leeds Johnson                  |
| Charles Frederick Gehrmann      | Warren Bowditch Johnson        |
| Fred Macdonald Gilbert          | Carleton Coffin Jones          |
| David Halliday Moffat Gillespie | Junius Royal Judson            |
| Richard Butler Glaenger         | LeRoy DeWolf Kellogg           |
| Walter Godchaux                 | Sidney Robinson Kennedy        |
| Otto Goldsmith                  | Frederic Kernochan             |
| Charles Edmund Goodman          | Everett Phoenix Ketchum        |
| Charles Archibald Goodwin       | Edwin Burruss King             |
| Robert Hubbard Gould            | Edward Hussey Knight, B.A. }   |
| Philip Sanford Goulding         | Wabash College 1897 }          |



Jerome Herrmann Koehler	Charles Henry Peix, Jr.
David Thomas Leahy, Jr.	Edward Carter Perkins
Augustus Canfield Ledyard	George Bulkley Perry
Frederick August Lehlbach	Lemuel Gardner Pettee
William Robertson Letcher	Pierre Rittenhouse Porter
Louis Samter Levy	William Stevens Ray
Alexander Ingersoll Lewis	Harold Sylvester Recknagel
VanSinderen Lindsley	Howard Dickinson Reeve
John Riley Livermore	Goodrich Barbour Rhodes
John Quentin Lockman	Alfred Ernest Richards
Oscar Loewi	Fred Erwin Richardson
Franklin Atkins Lord	Robert Kimball Richardson
Dennis Joseph McCarthy	George Minot Ripley
Theodore Alexander McGraw	Julien Ashton Ripley
Thomas Sabine McLane	Maxwell Warren Rockwell
Jay Chandler McLauchlan	James Otis Rodgers
Francis Sherwood Male	David Francis Rogers
George Tracy Marsh	John Shillito Rogers
Samuel Andrew Marshall	Robert Kilburn Root
Larkin Goldsmith Mead	Samuel Kenley Ruick, Jr., B.A. }
Walter Meigs	De Pauw University 1897 }
Charles Edmund Merrill, Jr.	John Dunbar Rusher
Orlando Paul Metcalf	Edward Sawyer
Seth Minot Milliken	Herbert Adolph Scheftel
Sydney Knox Mitchell	George Gebner Schreiber
Grenville Dodge Montgomery	Jewett Hamilton Scranton
George Colton Moore	Worthington Scranton
Gouverneur Morris, Jr.	William Edward Selin
George Alphonsus Mullen	Frank Hiram Shall
George Hewitt Myers	Frank William Sheehan
Robert Christman Neal, Jr.	William Jacob Schroder
Herbert Elwin Nims	Henry Sillcocks
Edward Norris	Frank Hunter Simmons
John Treadwell Norton, Jr.	Archibald Delap Smith
Ernest Clapp Noyes	Edward Burnham Smith
Rufus Melvin Overlander, LL.B. }	Henry King Smith
Yale University 1897 }	James Robinson Smith
William Satterlee Packer, Jr.	Thomas Max Smith
Brainard Warner Parker	Samuel Newton Spring
Grenville Parker	George Prichard Stimson
John Randolph Paxton, Jr.	Frank Raymond Stocker
Charles Thomas Payne	Norman Arthur Street
Darius Edward Peck	Edward Clark Streeter
William Hazen Peck	Isaac Newton Swift

Charles Howard Teeter	Pierce Noble Welch, Jr.
Fred Wheeler Tenney	John Welles
Alfred Howe Terry	Frederick Manfred Werner
Roderick Terry, Jr.	Ezra Douglas Whitaker
Wilmot Haines Thompson, Jr.	Paul Whitin
Lawrence Thurston	Josiah Dwight Whitney
Ferrars Heaton Tows	Payne Whitney
Edwin Bryant Treat	Edward Reed Whittemore
Hayes Quincy Trowbridge	Ernest Wales Whittemore
Robert James Turnbull, Jr.	Forsyth Wickes
David Cushman Twichell	Herbert Budington Wilcox
Victor Morris Tyler	Horace Wilder Wilcox
William Newell Vaile	Arthur Baldwin Williams, Jr.
Frederick Theodore vanBeuren, Jr.	Lewis Mason Williams
Walter Lewis Vaughan	Frederick Ely Williamson
James Wolcott Wadsworth, Jr.	Harold Moffat Wilson
*Ernest Walker ( <i>post obitum</i> )	Oliver Tousey Wilson
George Young Wallace, Jr.	Henry Rogers Winthrop, Jr.
John Aloysius Walsh	John Munro Woolsey
John Wilson Walsh	Howard Brown Woolston
Charles McLean Warren	Henry Burt Wright
Gustavus Ericson Warren, B.A. }	
Baylor University 1895 }	

#### BACHELORS OF PHILOSOPHY

Arba Kellogg Alford	Daniel Frederick Buckingham
Joseph Wright Alsop	Edwin Prall Campbell
Frederick Theodore Anderson	Harold Eugene Carpenter
John Norman Anderson	Frank Valentine Chappell
Alfred Austell	Louis Albert Chase
Nelson Maitland Ayers	George Sheldon Chauncey
Rowan Ayres	Austin Cheney
Richard Nicholls Barnum	William Francis Cochran, Jr
Stanley Yale Beach	Clifford Wayne Cunningham
Bernhard Beinecke, Jr.	Frederick Farnham Davis
Edwin Carlton Blackman	Osgood Harrison Dowell
Cyrus Increase Bosworth	Edmund John Drummond
Robert Ernest Broatch	George William Dulany, Jr.
James Ansel Brooks	Robert Franklin Dyer
George Lockwood Brown	Allan Chotard Eustis, B.S. }
Paul Joe Brown	Tulane University of La. 1896 }
Robert Drake Brown	Fred Gilbert Ferrey

Newell Simmons Ferry	Harleigh Parkhurst
Lawrence Fitch	Allan Edgar Philbrick
Edward Ludlow Freeland	Frank Nathan Platt
Frederick Taylor Gause	Henry Homes Porter, Jr.
Walter Fraser Gibson	Alfred Seton Post, Jr.
Justin Frank Grant	Edgar Duryea Pouch
Gilbert Christian Greenway, Jr.	Robert Dodd Reynolds
John Wool Griswold	Jacob Elwood Ridgway, Jr.
Lester Walton Hall	Henry Bulkley Rodman
Alfred Southmayd Hamlin	Edward Roesler
Byron Schermerhorn Harvey	Allen Merrill Rogers
Herbert Hastings	Archibald Rogers
Frank Lockwood Hatch	Burnet Rathbone Ruggles
James Hess	William Phillips Sage
James Leland Howard, Jr.	Irvin Wilbur Sanford
Robert Robinson Howard	John Martin Satterfield
Edward Townsend Howes	Charles Lindsley Sherwood
George Huntington Hulbert, Jr.	Edward James Sherwood
George Hoppin Humphreys, Jr.	Zenas Harrison Sikes
Edward Reed Ingraham	Arthur Benjamin Siviter
Howard Chapin Ives	William Parsons Slocovich
William Frederick Jelke	Albert Carrington Smith
Treat Baldwin Johnson	Clarence Gilman Spalding
Rutherford Ballou Keeler	Alexander Morrow Speer, Jr.
Paul David Kelley	Norman Church Spencer
Philo Rockwell King, Jr.	William Pharr Stewart
Richard Krementz	George Frederic Stone
Edward Francis Leeds	Robert Edward Stone
Louis Lasher Lorillard, Jr.	Walter Knight Sturges
James Joseph Lyons	Walter Henry Sykes, Jr.
Lewis Camp McEwen	Erastus Theodore Tefft
John Scott McFarland	James Lewis Thomson
John Loomis McLaren	George Clarkson Thrall
Reune Martin	Walter Francis Carson Tichborne
Claude Harris Miller	Cornelius Vanderbilt, Jr., B.A. }
Gerrish Hill Milliken	Yale University 1895 }
Sumner Gilbert Moon	Leonard Hall VanEvery
William Moorhead Murdoch	Herbert Towle Weston
John Killam Murphy, B.A. }	George Paul Wisdom
Yale University 1897 }	Cooper Wood
Henry Buckland Olmstead	Walter Laning Worrall
Charles Frederick Parker	Morrison Brown Yung

## BACHELORS OF LAWS

Edward William Beattie, Jr., B.A. } Yale University 1895	Frank Elmer McDuffee, B.A. } Yale University 1894
William Bradford Boardman, B.A. } Yale University 1893, <i>cum laude</i>	Daniel Vincent McNamee } Phelps Montgomery, B.A. }
William Livesey Burdick, B.A. } Wesleyan University 1882, M.A. Wesleyan University 1885, Ph.D. Grant Univ. 1885, <i>cum laude</i>	Yale University 1895 } Joseph Oudinot Moré, B.A. } Yale University 1896 }
John Francis Douglas, B.A. } Univ. of North Dakota 1896	Taizo Okada }
Willard Newell Drown, B.A. } Yale University 1896	Jay Howard Patterson }
George Woodbury Duncklee }	Howard Birdseye Peck }
Walter Buhl Ford, B.A. } Yale University 1896	Charles Alfred Pelton, B.A. } Yale University 1896
Clement Austin Fuller, B.A. } Yale University 1896	Samuel Peterson, B.A. } Yale University 1895, PH.D. }
Frederick William Gaines, B.A. } Yale University 1896	Yale Univ. 1897, <i>cum laude</i> }
Emile Godchaux, B.A. } Yale University 1896	Addison Strong Pratt, B.A. } Yale University 1896
Gilbert Lawrence Hedges, B.A. } Yale University 1896	Charles Phineas Sherman, B.A. } Yale University 1896
Koreteru Kurahara }	Edmund Gerald Stalter, B.A. } Yale University 1896
Edward William Lynch }	Eugene Sullivan }
	Harrison Grow Wagner, PH.B. } Yale University 1895 }

## BACHELORS OF DIVINITY

James John Baron, B.A. } Anatolia College 1895	Arthur Elieda Fraser, B.A. } Beloit College 1894
Quincy Blakely, B.A. } Dartmouth College 1894	Howard Dean French, B.A. } Amherst College 1895
Francis Chase Bliss, B.A. } Brown University 1894	Frederic William Heberlein, B.A. } Ripon College 1895
Aaron Breck, B.A. } Washburn College 1895	Harold Lynde Hopkins, PH.B. } Oberlin College 1894
Burdette Boardman Brown, M.A. } Alfred University 1891	Rowland Hughes }
John Collings Caton, B.A. } Princeton University 1895	John King Moore, B.A. } Yale University 1895
John Pitt Deane, B.A. } Cornell University 1890	Ira Elias Pinney, B.A. } Middlebury College 1891
Will Chester Ferris, B.L. } University of Wisconsin 1895	Edgar Heaton Price, B.A. } Drury College 1895
Knut Emil Forsell, B.A. } Carleton College 1894	Jesse Eugene Sarles, B.A. } University of Wisconsin 1894

Harry Sargeant Scarborough, B.A. }	Walter Bullard Street, B.A. }
Yale University 1895	Williams College 1892 }
Christian Horning Shirk	Horace Montgomery Witman, B.A. }
Walter Spence, B.A. }	Pennsylvania College 1895 }
Emory and Henry College 1888 }	Herbert James Wyckoff, B.A. }
Cyrus Flint Stimson, B.A. }	Yale University 1892 }
Colby University 1893 }	Stephen Bogos Yacobian, B.A. }
	Central Turkey College 1886 }

## BACHELORS OF FINE ARTS

John Ireland Howe Downes	Joline Butler Smith
George Henry Langzettel	George Albert Thompson

## MASTERS OF ARTS

William Maitland Abell, B.A. }	George Augustus Lewis, B.A. }
Yale University 1887	Yale University 1895
John Chester Adams, B.A. }	Arthur Lovell, B.A. }
Yale University 1896	Yale University 1892 }
Lane Cooper, B.A. }	Henry Edwin McDermott, B.A. }
Rutgers College 1896 }	Yale University 1896
William Watts Davidson, B.A. }	Theodore Woods Noon, B.A. }
Yadkin College 1880,	Yale University 1896 }
B.D. Yale University 1888	Isaac Woodbridge Riley, B.A. }
Roger Sherman Day, Jr., B.A. }	Yale University 1892 }
Pomona College 1894	Joseph Earl Sheffield, B.A. }
Charles Cheney Hyde, B.A. }	Yale University 1894 }
Yale University 1895	George Herbert Thomas, B.A. }
	Yale University 1895 }

## MASTERS OF LAWS

Charles Hammond Blatchford, B.S. }	William Douglass McNulty
Cornell University 1895,	David Edward Moulton, LL.B. }
LL.B. Northwestern University 1897	Yale University 1897, <i>cum laude</i> }
William Eugene Brooks, LL.B. }	John Morris Sheppard, B.A. }
Yale University 1897	University of Texas 1895,
Edward Luke Clark, Jr., LL.B. }	LL.B. University of Texas 1897 }
Yale University 1897	George Burton Thayer, LL.B. }
Adam Frank	Yale University 1897
Clifford Curtis Gilbert, B.A. }	John Walcott Thompson, B.A. }
Wesleyan University 1893,	Dartmouth College 1895,
LL.B. Yale University 1896 }	LL.B. Yale University 1897 }
Philip Zachariah Hankey, LL.B. }	Robert John Thomson, B.D. }
Yale University 1897	Yale University 1894,
Charles Ellis Jennings, Jr., LL.B. }	LL.B. Yale University 1897 }
N. Y. University 1897	Arthur Ashford Wilder, LL.B. }
Michael Ambrose Kilker, LL.B. }	Yale University 1897, <i>cum laude</i> }
Yale University 1897	

## CIVIL ENGINEERS

Richard Shelton Kirby, PH.B. }	Ely Morgan Talcott Ryder, PH.B. }
Yale University 1896 }	Yale University 1896 }

## MECHANICAL ENGINEER

Lemuel Robert Hopton, PH.B. Yale University 1896

## DOCTORS OF MEDICINE

Frederick Tremaine Billings	William Richard Munger
Clifford Brewster Brainard, PH.B. }	Frank Wesley Nolan
Yale University 1894 }	Edward Emmet O'Donnell
Frank Patrick Broderick	Frank Judson Parker, PH.B. }
Philip DuBois Bunting	Yale University 1895 }
Albert Edward Cobb	James Locke Perkins
Jeremiah Joseph Cohane	Lewis Beers Porter
Richard Matthew English	Wyeth Elliott Ray
Joseph John Guilshan	Charles Ambler Rider
Francis Patrick Heery	Henry Cottrell Rowland
William Joseph Hogan	Robert Cowan Sellew
Russell Hulbert	Milton See Sherwood
Frederick Walter Hulseberg	Charles Lancelot Proctor Smith
Henry Edward Hungerford	Alfred Harold Thomas
Julius Stirling Loomis	Heman Augustus Tyler
Terence Stephen McDermott	Harry Goldsborough Watson, M.A. }
William Wright Markoe	Western Maryland College 1892 }

## DOCTORS OF PHILOSOPHY

Alice Hopkins Albro, B.A. }	Anna Hunt Billings, B.L. }
Bryn Mawr College 1890 }	Smith College 1891 }
James Turney Allen, B.A. }	James Wallace Broatch, B.A. }
Pomona College 1895, M.A. }	Yale University 1891 }
Univ. of California 1896 }	Arthur Ernest Davies, B.D. }
Gustav Albert Andreen, B.A. }	Yale University 1891 }
Augustana College 1891 and }	Frederick Marcy DeForest, B.A. }
Yale University 1894 }	Yale University 1895 }
Martha Austin, B.S. }	John Joseph Dunn, B.A. }
Smith College 1892 }	Yale University 1895 }
Edward Chauncey Baldwin, B.A. }	George Francis Eaton, B.A. }
Yale University 1895 }	Yale University 1894 }
Bayard Barnes, PH.B. }	Harry Ward Foote, PH.B. }
Yale University 1895 }	Yale University 1895 }

Armenag Harutune Haigazian, B.A. { Central Turkey College 1889, S.D. Hartford Theological Sem. 1896	Geo. Pratt Starkweather, PH.B. } Yale University 1891, M.E. Yale University 1894
Theodore Woolsey Heermance, B.A. { Yale University 1893	Thomas Calhoun Stearns, B.A. } Yale University 1886, M.A. New York University 1892
Yandell Henderson, B.A. { Yale University 1895	Wendell Melville Strong, B.A. } Yale University 1893, M.A. Cornell University 1894
George Dwight Kellogg, B.A. { Yale University 1895	Willard Gibbs VanName, B.A. } Yale University 1894
Charlton Miner Lewis, B.A. { Yale University 1886, LL.B. Columbia University 1889	Jacob Westlund, { Karolinska Läkroverket, Örebro, Sweden, 1885
Warren Estelle Lloyd, M.L. { University of California 1895	Albert Beebe White, B.A. { Yale University 1893
Laura Emma Lockwood, M.A. { University of Kansas 1894	Caroline Louisa White, B.A. { Mount Holyoke College 1894
Bertha Ellen Lovewell, B.L. { Washburn College 1889	Sarah Scovill Whittelsey, B.A. { Radcliffe College 1894
George Kingsley Olmsted, PH.B. { Colorado College 1894	John Dorsey Wolcott, B.A. { University of Wisconsin 1895 M.A. Cornell University 1897
George Tucker Sellew, B.A. { University of Rochester 1889, M.A. University of Rochester 1892	Elizabeth Woodbridge, B.A. { Vassar College 1892
Margaret Sherwood, B.A. { Vassar College 1886	

## HONORARY DEGREES

## DOCTORS OF DIVINITY

Rev. Henry Samuel Barnum, B.A. { Yale University 1862	Rev. Daniel Merriman, B.A. { Williams College 1863
Rt. Rev. Chauncey B. Brewster, B.A. { Yale University 1868	Rev. David Brainerd Perry, B.A. { Yale University 1863

## DOCTORS OF LAWS

Hon. Charles Andrews	Hon. Irving Goodwin Vann, B.A. {
His Excellency William McKinley	Yale University 1863 }

## DOCTOR OF LETTERS

Charles Frederick Johnson, B.A. Yale University 1855

## MASTERS OF ARTS

Russell Wheeler Davenport, PH.B. { Yale University 1871	George Henry Knight, M.D. { Coll. Physicians & Surgeons, N. Y., 1881
Jacob Lyman Greene	George Keyes Tufts
John Hays Hammond, PH.B. { Yale University 1876	Hon. James Wolcott Wadsworth

## HONORS IN THE ACADEMICAL DEPARTMENT

## HONORS IN ALL STUDIES, CLASS OF 1898

## ORATIONS

SAMUEL ELIOT BASSETT

HENRY BURT WRIGHT

SYDNEY KNOX MITCHELL  
 ROBERT ERNEST HUME  
 ROBERT KILBURN ROOT  
 MORRELL WALKER GAINES  
 HOWARD BROWN WOOLSTON  
 NORMAN BUCKINGHAM BEECHER  
 LEEDS JOHNSON  
 PHILIP SANFORD GOULDING  
 FRANK RAYMOND STOCKER  
 EDWARD CARTER PERKINS  
 CHARLES EVERETT FARR

CHARLES WELLES GROSS  
 LOUIS SAMTER LEVY  
 RICHARD BUTLER GLAENZER  
 ARTHUR THOMAS GALT  
 ASHBEL HINMAN BARNEY  
 RUSSELL ERVIN COLCORD  
 FRANK HIRAM SHALL  
 FREDERICK AUGUST LEHLBACH  
 JOHN MUNRO WOOLSEY  
 MOLTON AVERY COLTON

George Haven Abbott  
 Robert Wodrow Archbald, Jr.  
 Franklin Hendrickson Booth  
 George Alexander Bridge  
 Zenas Marston Briggs  
 Thomas Eckmund Brownlee  
 Noah Arthur Burr  
 Augustus Wilson Clapp  
 Edgar Selah Downs  
 David Brewer Eddy  
 William Gage Erving  
 Morton Lazell Fearey  
 Herbert Wescott Fisher  
 William Ruthven Flint

John Elden Foster  
 Charles Brownell Gage  
 Abner Pierce Hayes  
 Peter Hagner Holme  
 Edward Hussey Knight  
 John Treadwell Norton, Jr.  
 Ernest Clapp Noyes  
 Lemuel Gardner Pettee  
 Robert Kimball Richardson  
 George Minot Ripley  
 Henry Sillcocks  
 Charles Howard Teeter  
 Wilmot Haines Thompson, Jr.  
 Walter Lewis Vaughan

James Frank Adams  
 Carroll Storrs Alden  
 Carl Emanuel Andreen  
 Herman Nathaniel Baker  
 Carleton Henry Barclay  
 Enoch Frye Bell  
 Martin Toscan Bennett  
 Hiram Bingham, Jr.  
 Edward Octavius Emerson, Jr.  
 Henry Fletcher  
 John Harold Fuller  
 Weston Spies Gales  
 Herbert Draper Gallaudet  
 Fred MacDonald Gilbert  
 David Halliday Moffat Gillespie  
 Philip William Grece  
 William Browne Hale  
 George Arthur Hanford

Harold Ames Hatch  
 Charles Potter Hine  
 Job Edgar Johnson  
 Junius Royal Judson  
 John Riley Livermore  
 Julius Flake McDonald  
 Darius Edward Peck  
 William Hazen Peck  
 Worthington Scranton  
 Archibald Delap Smith  
 James Robinson Smith  
 Samuel Newton Spring  
 Alfred Howe Terry  
 Lawrence Thurston  
 Ferrars Heaton Tows  
 Charles McLean Warren  
 Pierce Noble Welch, Jr.  
 Arthur Baldwin Williams, Jr.



## DISSERTATIONS

Arthur Henry Bartlett  
 William Park Benjamin  
 Luther Guiteau Billings, Jr.  
 James Coffinberry Brooks  
 Eugene Watson Burlingame  
 Louis Henry Butterworth  
 Augustus Frisbie Cleveland  
 Dana Lee Eddy  
 Fred Julius Fassett  
 Malcolm Shiland Fearey  
 Henry Winslow Hincks

Ernest Howe  
 Leroy DeWolf Kellogg  
 Orlando Paul Metcalf  
 Herbert Elwin Nims  
 Charles Thomas Payne  
 Harold Sylvester Recknagel  
 Alfred Ernest Richards  
 Gustavus Ericson Warren  
 Paul Whitin  
 Edward Reed Whittemore

## DISPUTES

Burnham Carter Benner  
 John Merritt Bromley  
 Eli Ives Butler  
 Ralph Ewing Clark  
 Thadeous Hugh Claypool  
 James Dickerson Coe  
 Henry Baldwin Cogswell  
 Philo Walker Drury  
 Robert Thompson Garrison  
 Robert Harvey Gay  
 Charles Frederick Gehrman  
 Walter Godchaux

Eugene Hale, Jr.  
 Frederick William Huxford  
 Dennis Joseph McCarthy  
 Fred Erwin Richardson  
 Maxwell Warren Rockwell  
 Samuel Kenley Ruick, Jr.  
 William Jacob Shroder  
 Robert James Turnbull, Jr.  
 William Newell Valle  
 John Wilson Walsh  
 Frederick Ely Williamson

Abraham Rosecrans Baldwin  
 Arthur Douglas Baldwin  
 Frank Joseph Born  
 Daniel Joseph Brown  
 David DeForest Burrell  
 Henry Emerson Butler  
 Horace Bushnell Clark  
 James Tilden Crane  
 Manfred William Ehrich  
 Ray Llewellyn Evans  
 Thomas Mellon Evans  
 Justus Miles Forman  
 Charles Job Fowler  
 Winfred Morgan Hartshorn

Warren Bowditch Johnson  
 Theodore Alexander McGraw  
 Goodrich Barbour Rhodes  
 Herbert Adolph Scheffel  
 George Gebner Schreiber  
 Thomas Max Smith  
 Norman Arthur Street  
 Edward Clark Streeter  
 Roderick Terry, Jr.  
 Fred'k Theodore van Beuren, Jr.  
 John Aloysius Ward  
 John Welles  
 Payne Whitney

## COLLOQUIES

Thomas Allen, 3d  
 Clifford Edward Livingston Bear  
 Edgar Hayes Betts  
 Isaac Bliss  
 Jacob Burnet Burnet  
 William Patrick Callanan  
 Clifford Dudley Cheney  
 Edward Lord Clark  
 Orrin Melville Clark  
 Robert Henry Crowell  
 Philip Earl Dudley  
 Ashbel Parmelee Fitch, Jr.

Otto Goldsmith  
 Archibald Cary Harrison  
 Joseph Hall Hart  
 John Joseph Higgins  
 Robert Reynolds Hitt  
 Warren Prescott Jackson  
 Thomas Martin James  
 John Jay  
 Everett Phoenix Ketchum  
 Edwin Burruss King  
 John Quentin Lockman  
 Franklin Atkins Lord

Samuel Andrew Marshall  
 Julian Starkweather Mason  
 Charles Edmund Merrill, Jr.  
 Grenville Dodge Montgomery  
 George Colton Moore  
 Rufus Melvin Overlander  
 John Randolph Paxton, Jr.  
 George Bulkley Perry  
 Pierre Rittenhouse Porter  
 William Stevens Ray

Howard Dickinson Reeve  
 Julien Ashton Ripley  
 William Edward Selin  
 Frank William Sheehan  
 George Prichard Stimson  
 Isaac Newton Swift  
 Edward Bryant Treat  
 Victor Morris Tyler  
 Oliver Tousey Wilson

William Whiting Andrews, Jr.  
 Abraham Burtis Baylis, Jr.  
 Alexander Bunce  
 George Anderson Colston  
 Nathaniel Hartley Cowdrey  
 Robert Graham Dun Douglass  
 George Ellis  
 Joseph Livingston Fewsmith  
 Philip Walbridge Hamill  
 Adelbert Stone Hay  
 James Francis Joseph Hen-  
   nessey  
 Lawrence Hitchcock  
 Sidney Renshon Kennedy  
 Frederic Kernochan

David Thomas Leahy, Jr.  
 William Robertson Letcher  
 Paul Augustine McQuaid  
 George Hewitt Myers  
 Edward Norris  
 William Satterlee Packer, Jr.  
 Charles Henry Peix, Jr.  
 David Francis Rogers  
 John Shillito Rogers  
 Henry King Smith  
 Fred Wheeler Tenney  
 David Cushman Twichell  
 Ernest Wales Whittemore  
 Forsyth Wickes  
 Lewis Mason Williams

#### HONORS IN SPECIAL STUDIES

##### TWO-YEAR HONORS

##### *In Philosophy :*

David Brewer Eddy  
 Robert Ernest Hume

##### *In Natural Sciences :*

David Halliday Moffat Gilles-  
   pie  
 George Arthur Hanford  
 Ernest Howe  
 John Treadwell Norton, Jr.  
 Edward Reed Whittemore

##### *In Political Science and Law :*

Martin Toscan Bennett  
 Robert Graham Dun Douglass  
 Charles Everett Farr  
 Morrell Walker Gaines  
 Louis Samter Levy  
 Edward Carter Perkins  
 Lemuel Gardner Pettee  
 Frank Hiram Shall  
 Frank Raymond Stocker

##### *In History :*

David Brewer Eddy  
 Charles Welles Gross  
 Sydney Knox Mitchell  
 Darius Edward Peck  
 Edward Carter Perkins  
 Robert Kimball Richardson  
 John Munro Woolsey

##### *In English :*

Arthur Henry Bartlett  
 Charles Edmund Merrill, Jr.

##### *In Ancient Languages :*

Samuel Eliot Bassett  
 John Harold Fuller  
 Job Edgar Johnson  
 Wilmot Haines Thompson, Jr.  
 Henry Burt Wright

## ONE-YEAR HONORS

*In Philosophy :*

Charles McLean Warren  
Howard Brown Woolston

*In Natural Sciences :*

William Gage Erving

*In Political Science and Law :*

James Frank Adams  
Jacob Burnet Burnet  
Julius Flake McDonald  
William Newell Vaile

*In History :*

James Frank Adams  
Archibald Cary Harrison  
Julius Flake McDonald  
Gustavus Ericson Warren

*In English :*

Carroll Storrs Alden  
Carleton Henry Barclay  
Martin Toscan Bennett  
Franklin Hendrickson Booth  
Herbert Draper Gallaudet  
Alfred Ernest Richards  
Robert Kilburn Root  
Edward Clark Streeter

## JUNIOR APPOINTMENTS

## YALE COLLEGE, CLASS OF 1900

## PHILOSOPHICAL ORATIONS

WALTER MAXWELL ADRIANCE  
GEORGE MERRICK BAKER  
ERNEST TURRELL BAUER  
CLARENCE WHITTLESEY BRON-  
SON  
WILLIAM SLOANE COFFIN  
HARRY AUGUSTUS DOW  
FRANK EUGENE HALE  
JOHN BRYANT HARTWELL  
EDWARD BUFFUM HILL  
GEORGE LYMAN HINCKLEY

JOHN MORGAN HOPKINS  
HENRY WILLIAM LYMAN  
HERMAN MAX OPITZ  
ROGER CROSSMAN PECK  
THOMAS WALTER SWAN  
ELBERT NEVIUS SEBRING THOMP-  
SON  
ALBERT WILLIAM VANBUREN  
LAURENCE VANDYKE  
GEORGE NEWELL WHITTLESEY

## ORATIONS

Frederick Baldwin Adams  
James Whitney Barney  
Norman Williams Bartlett  
Stephen Russell Bartlett  
Howard Logan Bronson  
Francis Cross, Jr.  
Orville Devere Estee  
Eugene Francis Farley  
Robert Ferguson  
William Savage Johnson

Charles Alexis Kellogg, Jr.  
Frederic Irving Lockman  
Sydney Byron Morton  
William Horatio Nelson  
Leonard Adolph Peck  
Edward Rundel Pidgeon  
Horace Martin Poynter  
Harry Granville Sanders  
Sydney Mixsell Wood

John Harry Bailey  
 George Hiram Bartholomew  
 Cogswell Bentley  
 Jerome Herman Buck  
 Winthrop Buck  
 John Roberts Bushong  
 Albert Norton Butler  
 Norman George Conner  
 Morton Starr Cressy  
 Sidney Butler Dean  
 Clare Hill Draper  
 Edward DeLancey Eaton  
 Stanley Wells Edwards  
 Edward Clarence Ellsbree  
 Edward Bathurst Fackler  
 Arthur Harmount Graves  
 William Rodman Hamlin  
 Pliny Harold Hayes  
 Charles Jones  
 Lucius Collinwood Kingman

Samuel Samter Levy  
 Hollister Logan  
 Thomas McCandless  
 Allan MacLean  
 William Proctor Malony  
 Henry Leo Moses  
 Fred Nash  
 Frank Denison Pendleton  
 Sylvester David Powell  
 Oscar Stoddard Pulman, Jr.  
 John Pierrepont Rice  
 David Stanley Smith  
 William Brewster Stoskopf  
 Albert VanderVeer, Jr.  
 Philip Cory Walcott  
 Elisha Walker  
 William Howard Weiss  
 Herbert Gilman Williams  
 William Kingsley Williams

## DISSERTATIONS

Robert Leonard Dodd  
 William Frederick Gillespie  
 Frederic William Gladding  
 Kenneth Dwight Lippincott  
 James Phinney Lombard  
 Wesley Eugene Nims  
 Brace Whitman Paddock  
 Edwards Albert Park

Charles Prescott Robinson  
 Percy Avery Rockefeller  
 George Melville Shepherd  
 David Ogle Thomas  
 Ralph Willis Thomas  
 Charles Terry Treadway  
 Rudolph Frederick Weichert  
 Frederick Harvey Winters

## DISPUTES

Edwin Carlos Andrews  
 Robert Lawrence Anthony  
 Frederick Pomeroy Bassett  
 Ferdinand William Blumenthal  
 Charles Edward Brinley  
 John Penn Brock  
 Franklin Carter, Jr.  
 DeWitt Bellinger Casler  
 Donald Chappell  
 John Werden Clark  
 Arthur Wilfred Clement  
 George Musalas Colvocoresses  
 Chauncey Morris Crawford  
 Walter Eaton Crittenden  
 Richard Dudley Currier  
 Henry Martin Field  
 Irving Leonard Fisher  
 Wilfred Lester Foster  
 Laurence Frank  
 Herbert Brewster Fuller  
 George Green

Harry Heaton  
 Hopkin Jenkins  
 Bascom Johnson  
 Ashley Day Leavitt  
 Maurice Ennis Lombardi  
 George Sterling McCartin  
 Rutger Bleecker Miller  
 Pliny Sexton Riggs  
 Reuben Buck Robertson  
 William Edgar Schoyer  
 Warren Bartlett Seabury  
 George Welch Simmons  
 Charles Christian Swartz  
 Edward Hubbert Tatum  
 George Bremner Tennant  
 Charlton Brice Thompson  
 Warren Parsons Thorpe  
 Raymond Lathrop Tweedy  
 Gardner Colby Walworth  
 George Hoyt Whipple

Benjamin Stearns Adams  
 Frederic Winthrop Allen  
 Roscoe Chase Baker  
 Norman Bardeen  
 William Chipp Bartholomew  
 Charles Stephen Brooks  
 Kenneth Bruce  
 William Rockwell Clarke  
 Foster Crampton  
 Dwight Chandler Drew  
 John Elwin Gleason  
 Harry Ellsworth Goss  
 Maurice Philippe Gould  
 Franklin Kennedy

Alexander Louis McKenzie  
 Samuel Clinton Marty  
 Frederick Benjamin Merrels  
 Dunlevy Milbank  
 Walter Sharp Page  
 John Calhoun Pickett  
 William Gray Ricker  
 Walter Corwin Senger  
 Franklin Victory Sikes  
 Howard Speer  
 William Evarts Tracy  
 Harry Hubbard Wells  
 Henry Parmelee Wickes  
 Charles Hulbert Wilson

## COLLOQUIES

Harold Sears Arnold  
 William Holt Averell, Jr.  
 Harry Woodruff Babcock  
 Harry Judson Beardsley  
 Howard Bissell  
 Frederick Arthur Blount  
 Ezekiel Stoddard Bronson  
 Charles Andrews Carver  
 Walter Lyon Chittenden  
 Frank Taylor Crawford  
 Edward Porter Eggleston  
 John Sherlock Ferguson  
 Charles Henry Frederick  
 Clifford Joseph Gleason  
 Frederick Charles Havemeyer

Thomas William Hefferan  
 William Beck Hills  
 Preston Kumler  
 James McMaster Long  
 Herbert Edwin Medway  
 Warner Moody  
 Sidney Clarence Rosenberg  
 Arthur Leighton Sherman  
 Herbert Raymond Smith  
 Edward Collins Stone  
 Charles Lewis Tiffany, 2d  
 William Jerome Vogeler  
 Edgar Percy Ward  
 Herbert Charles Zellhoefer

Frank Marion Atterholt, Jr.  
 Edward Houston Bindley  
 John Herbert Campbell  
 John Walter Cross  
 Arthur Edgar Ely  
 Frank Farwell Ferry  
 Thomas Emlen Franklin  
 Edward Belden Greene  
 Howard Covode Heinz  
 Harry Reeves Howell  
 Herbert Russell Jenney  
 Dale Crawford Jennings  
 Irving Gilliss Knox  
 Gilbert Lovell  
 Cortlandt Francis Luce

William Marsh McCutchen  
 Ernest Clare McGouldrick  
 James Warren Payton  
 John Dodge Peters  
 John Cleveland Phillips  
 Frank Henry Russell  
 Robert Russell  
 Lyman Brumbaugh Stookey  
 Corliss Esmonde Sullivan  
 Hulbert Taft  
 Carlisle Bronson Tuttle  
 Reuben Carter Twichell  
 Thomas Watson  
 Harry Parker Wood

## HONORS IN THE SHEFFIELD SCIENTIFIC SCHOOL,

## CLASS OF 1898

Louis Albert Chase  
 Allen Chotard Eustis  
 Fred Gilbert Ferrey  
 Justin Frank Grant  
 Herbert Hastings  
 \*James Leland Howard, Jr.  
 George Hoppin Humphreys, Jr.  
 Howard Chapin Ives  
 Treat Baldwin Johnson  
 Richard Krementz

Lewis Camp McEwen  
 \*Charles Lindsley Sherwood  
 Edward James Sherwood  
 Zenas Harrison Sikes  
 Arthur Benjamin Siviter  
 \*Walter Henry Sykes, Jr.  
 George Paul Wisdom  
 Cooper Wood  
 \*Walter Laning Worrall

## HONORS IN THE LAW SCHOOL, 1898

Degree of M.L., *cum laude*

David Edward Moulton, LL.B.  
 Arthur Ashford Wilder, LL.B.

Degree of LL.B., *cum laude*

William Bradford Boardman, B.A.  
 William Livesey Burdick, Ph.D.  
 Samuel Peterson, Ph.D.

## MIDDLE CLASS

Charles William Birely, B.A.  
 George Elijah Hinman  
 Frederick Stephen Jackson, B.A.  
 Thomas Francis Noone

## JUNIOR CLASS

Theobald Matthew Connor, B.A.  
 Arthur Linton Corbin, B.A.  
 Leslie Elmer Hubbard  
 Albert Francis Judd, Jr., B.A.  
 Harvey Lucius Montgomery, B.A.  
 Edward Lawrence Smith, B.A.  
 Louis Michael Sonnenberg, B.A.  
 Charles Heitler Studinski, B.A.  
 George Zahm

## SPECIAL COURSE

John Warren Edgerton, M.A.

\* Four members of the Senior class of the Sheffield Scientific School were unable, on account of their enlistment in the United States Army, to qualify themselves fully for honors by the presentation of theses. As, however, their general standing was of the requisite grade, their names are by special vote of the Governing Board included in this list.

## UNIVERSITY PRIZES AWARDED JUNE, 1898 :

JOHN A. PORTER PRIZE—Samuel Peterson, Ph.D., Class of 1898, Yale Law School.

Committee of Award : Professor Henry A. Beers, Yale College ;  
Schuyler Merritt, Stamford, Conn. ;  
Herbert A. Smith, Ph.D., Yale College.

BENNETT PRIZE—Charles E. Farr, Class of 1898, Yale College.

COBDEN CLUB MEDAL—Morrell W. Gaines, Class of 1898, Yale College.

## PRIZES AWARDED IN THE ACADEMICAL DEPARTMENT,

1897-98 :

DEFOREST PRIZE MEDAL—Class of 1898, Herbert W. Fisher.

TOWNSEND PREMIUMS—Class of 1898, Herbert D. Gallaudet, Charles E. Merrill, Jr., Robert K. Root, Edward C. Streeter, Henry B. Wright.

DEFOREST MATHEMATICAL PRIZES—Class of 1898, 2d Prize, Joseph H. Hart ; Class of 1899, 1st Prize, Arthur S. Gale ; Class of 1900, 1st Prize, Howard L. Bronson ; Class of 1901, 1st Prize, Malvern H. Tillitt ; 2d Prize, Owen Crawford and Ralph O. Wells.

WINTHROP PRIZES—Class of 1899, 1st Prize, Arthur W. Lovell ; 2d Prize, divided between John F. Flynn and Charles M. Hathaway, Jr.

HENRY JAMES TENEYCK PRIZES (for the Junior Exhibition)—Class of 1899, 1st Prize, George D. Graves ; 2d Prizes, Robbins B. Anderson, Horace J. Fenton, Alfred B. Hall, Isham Henderson, John P. Norton, Howard C. Robbins, Henry R. Shipman.

SCOTT PRIZE IN GERMAN—Class of 1899, Francis J. Hall.

SCOTT PRIZE IN FRENCH—Class of 1899, Charles H. Wagner.

LUCIUS F. ROBINSON LATIN PRIZES—Class of 1899, 1st Prize, John F. Flynn ; Class of 1900, 1st Prize, Albert W. VanBuren ; 2d Prize, Frank E. Hale ; 3d Prize, Eugene F. Farley.

THACHER PRIZES—Class of 1898, Herbert W. Fisher ; Class of 1899, Barry C. Smith.

C. WYLLYS BETTS PRIZE—Class of 1900, Warren S. Thorpe.

ELOCUTION PRIZES—Class of 1900, 1st Prize, Kenneth Bruce ; 2d Prize, Thomas W. Swan.

McLAUGHLIN PRIZES—Class of 1901, 1st Prize, Ranulph Kingsley ; 2d Prize, divided between Frank B. Makepeace, Jr., and Ray Morris.

**BERKELEY PREMIUMS IN LATIN COMPOSITION**—Class of 1901, 1st Grade, Lacey D. Caskey, Emerson B. Christie, Edwin H. Tuttle, Arthur J. Young; 2d Grade, Edward B. Adams, Howard F. Taylor, Harry E. Ward, Alfred P. Wright.

**HUGH CHAMBERLAIN GREEK PRIZE**—Class of 1902, William S. Creevey, who was prepared privately; with honorable mention of Fred-eric Burnham, Harvard School, Chicago, Ill., and of George E. Davis and William B. Hooker, Hartford High School.

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**UNDERGRADUATE SCHOLARS OF THE HOUSE,  
YALE COLLEGE, 1898-99:**

**WOOLSEY Scholars**—Class of 1899, ARTHUR W. LOVELL; Class of 1900, ALBERT W. VANBUREN; Class of 1901, ALFRED P. WRIGHT.

**SCOTT HURTT Scholars**—Class of 1899, CHAUNCEY B. TINKER; Class of 1900, THOMAS W. SWAN.

**THOMAS GLASBY WATERMAN Scholars**—Class of 1899, JOHN K. CLARK; Class of 1900, JOHN M. HOPKINS.

**BRISTED Scholar**—Class of 1900, FRANK E. HALE.

**DANIEL LORD, Junior, Memorial Scholar**—Class of 1899, CHARLES M. HATHAWAY, JR.

**ALFRED BARNES PALMER Scholar**—Class of 1900, ROGER C. PECK.

**HURLBUT Scholar**—Class of 1901, HOWARD F. TAYLOR.

**THIRD FRESHMAN Scholar**—Class of 1901, LACEY D. CASKEY.

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**PRIZES AWARDED IN THE SHEFFIELD SCIENTIFIC  
SCHOOL, JUNE, 1898:**

Class of 1898:

**FOR EXCELLENCE IN MECHANICAL ENGINEERING**—Herbert Hastings, with honorable mention of Edward J. Sherwood and Fred G. Ferrey.

**FOR EXCELLENCE IN CIVIL ENGINEERING**—Zenas H. Sikes.

**THE BELKNAP PRIZE IN NATURAL HISTORY**—Justin F. Grant, with honorable mention of Allan C. Eustis, and Louis A. Chase.

Class of 1899:

**FOR EXCELLENCE IN THE MATHEMATICS OF THE JUNIOR YEAR**—divided between Herbert T. Herr and Clarence E. Weaver, with honorable mention of Frederick S. Coe and Henry A. S. Howarth.



FOR EXCELLENCE IN GERMAN—In the advanced course, William Walker, with honorable mention of William E. Ford, Jr., and Clarence E. Weaver. In the elementary course, Leopold S. Quackenbush, with honorable mention of Frederick S. Coe, Harry C. Gause, and Murray W. Sanders.

FOR EXCELLENCE IN HISTORY—Willis O. Warren.

Class of 1900 :

FOR EXCELLENCE IN ALL THE STUDIES OF THE FRESHMAN YEAR—divided between Frederic J. Carnell and Henry D. Stowe, with honorable mention of Samuel W. Dudley.

FOR EXCELLENCE IN PHYSICS—Henry D. Stowe, with honorable mention of Frederic J. Carnell.

FOR EXCELLENCE IN GERMAN—Edward J. Rungee, with honorable mention of Frederic J. Carnell, Samuel W. Dudley, William Strobridge, and Frank P. Underhill.

FOR EXCELLENCE IN FRENCH—Henry F. Dutton, Jr., with honorable mention of Edward C. Dean and Edward L. DeForest.

FOR EXCELLENCE IN CHEMISTRY—Henry F. Merriam, with honorable mention of Frederic J. Carnell.

FOR EXCELLENCE IN MATHEMATICS—Henry D. Stowe, with honorable mention of Frederic J. Carnell and Samuel W. Dudley.

FOR EXCELLENCE IN MECHANICAL DRAWING—Edwin M. Walker, with honorable mention of Frederic J. Carnell and Charles S. Landers.

Class of 1898 :

STUDENTS DISTINGUISHED IN THE DEPARTMENT OF MILITARY SCIENCE, whose names will be published in the U. S. Army Register for 1899—James J. Lyons, Francis J. Tytus, Walter F. Gibson.

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PRIZES AWARDED IN THE SCHOOL OF THE FINE ARTS,  
JUNE, 1898 :

ALICE KIMBALL ENGLISH PRIZE—David DeF. Burrell.

ETHEL CHILDE WALKER PRIZE—Helen E. Booth.

SPECIAL PRIZES—Jean M. Burr and Ebed W. Neal.

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PRIZES AWARDED IN THE DEPARTMENT OF MUSIC,

1897-98 :

VIOLIN—Emma Spieske.

PIANO—Clara Asher.

ORGAN—William J. Kraft.

**PRIZE AWARDED IN THE MEDICAL SCHOOL, JUNE, 1898 :**

**CAMPBELL GOLD MEDAL**—Philip D. Bunting, with honorable mention of Robert C. Sellew.

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**PRIZES AWARDED IN THE LAW SCHOOL, JUNE, 1898 :**

**TOWNSEND PRIZE**—Class of 1898, Gilbert L. Hedges, B. A.

**JEWELL PRIZE**—Class of 1898, William L. Burdick, M.A.

**MUNSON PRIZE**—Class of 1898, Addison S. Pratt, B.A., with honorable mention of William L. Burdick, M.A.

**Committee of Award :** John K. Beach, Esq., New Haven, Conn.;  
Frank S. Bishop, Esq., New Haven, Conn.;  
Samuel H. Fisher, Esq., New Haven, Conn.

**BETTS PRIZE**—Class of 1900, Arthur L. Corbin, B.A.

**WAYLAND PRIZES (Yale Kent Club Debate)**—1st Prize, John M. Shepard, LL.B.; 2d Prize, Charles H. Studinski, B.A.; 3d Prize, Louis M. Sonnenberg, B.A.

**Committee of Award :** Hon. Charles Phelps, Rockville, Conn.;  
Hon. L. W. Cleaveland, New Haven, Conn.,  
C. W. Pickett, Esq., New Haven, Conn.

**EDWARD THOMPSON COMPANY PRIZE**—Class of 1899, George E. Hinman.

## DIRECTORY

The names of *officers* are printed in italics.

The names of students are followed by the designations of their several classes (Grad., Graduate; Sr., Senior; Mid., Middle; Jr., Junior; 2, Second Year; 1, First Year; So., Sophomore; Fr., Freshman; Spec., Special); the names of students have appended also an indication of the Department to which each belongs, viz.:—*a*, Academic Department; *d*, Divinity School; *f*, School of the Fine Arts; *g*, Graduate School; *l*, Law School; *m*, Medical School; *mus.*, Department of Music; *s*, Sheffield Scientific School.

Names of buildings, etc., are abbreviated as follows:

A., Absent on leave; B., Berkeley Hall; B. L., Sheffield Biological Laboratory; D., Durfee Hall; E. D., East Divinity Hall; F., Farnam Hall; L., Lawrance Hall; LYC., Lyceum; M., Peabody Museum; N., North College; N. S. H., North Sheffield Hall; P., Pierson Hall; S. H., Sheffield Hall; S. L., Sheffield Chemical Laboratory; S. M., South Middle College; TR., Treasury Building; V., Vanderbilt Hall; W., Welch Hall; W. D., West Divinity Hall; WH., White Hall; WINCH., Winchester Hall.

Abbe, E. F., <i>g</i>	37 Howe st.	Agard, H. B., Mid. <i>l</i>	1044 Chapel st.
Abbey, S. H., Fr. <i>a</i>	7 Library st.	Albin, G. W., Fr. <i>a</i>	217 York st.
Abbott, C. W., Sr. <i>a</i>	344 WH.	Aldrich, C. R., Fr. <i>a</i>	1076 Chapel st.
Abbott, E. C., <i>g</i>	39 Lynwood st.	Alexander, C. A., Sr. <i>l</i>	103 Park st.
Abbott, F., Fr. <i>a</i>	248 York st.	Alexander, E., Jr. <i>a</i>	5 V.
Abbott, G., Fr. <i>a</i>	1076 Chapel st.	Allen, A. D., So. <i>a</i>	22 College st.
Abbott, H. E., <i>g</i>	Waterbury	Allen, C. W., So. <i>a</i>	22 College st.
Abbott, M. W., <i>g</i>	West Haven	Allen, F. W., Jr. <i>a</i>	121 N.
Ackley, O. S., Fr. <i>a</i>	161 F.	Allen, G. B., Jr. <i>s</i>	22 College st.
Adamian, P. A., Mid. <i>d</i>	30 E. D.	Allen, H., Fr. <i>s</i>	119 Wall st.
Adams, B. S., Jr. <i>a</i>	203 D.	Allen, H. F., Fr. <i>s</i>	389 Temple st.
Adams, C. H., Fr. <i>a</i>	250 York st.	Allen, J. A., Jr. <i>s</i>	105 Wall st.
Adams, E., Fr. <i>a</i>	242 York st.	Allen, J. R., So. <i>a</i>	92 S. M.
Adams, E. B., So. <i>a</i>	92 S. M.	Allen, M. A., <i>g</i>	83 Grove st.
Adams, F. Baldwin, Jr. <i>a</i>	16 V.	Allen, W. B., So. <i>a</i>	154 F.
Adams, F. Blanchard, So. <i>a</i>	61 Wolcott st.	Alling, A. A., Sr. <i>l</i>	30 Mansfield st.
<i>Adams, G. B., Prof.</i>	57 Edgehill Road	<i>Alling, A. N., Instr.</i>	109 York st.
Adams, H. E., <i>1 m</i>	19 Sylvan av.	Alling, E. P., <i>f</i>	120 Sherman av.
Adams, J. B., Sr. <i>a</i>	341 WH.	Alling, P. W., Fr. <i>s</i>	120 Sherman av.
Adams, J. F., <i>g</i>	1 TR.	Alsop, J. deK., Fr. <i>a</i>	203 York st.
Adams, J. P., Jr. <i>a</i>	325 W.	Ames, B. F., So. <i>a</i>	119 Park st.
Adams, J. T., <i>g</i>	564 P.	Ames, S. D., Sr. <i>a</i>	294 W.
Adams, M. T., Sr. <i>a</i>	178 LYC.	Ames, W. M., Sr. <i>s</i>	13 E. D.
Adams, R. C., Sr. <i>a</i>	9 V.	Amy, A. A., Sr. <i>d</i>	14 E. D.
Adams, T. S., Fr. <i>s</i>	124 Wall st.	Andel, C. E., Fr. <i>a</i>	9 Library st.
<i>Adams, W. A., Instr.</i>	(2 Phelps)	Anderson, I. L., So. <i>a</i>	75 S. M.
	177 Lawrence st.	Anderson, R. B., Sr. <i>a</i>	375 WH.
Adrian, W. M., Jr. <i>a</i>	112 N.	<i>Anderson, W. G., Instr.</i>	(GYMN.)
			120 College st.

- Anderson, W. M., Spec. *s* Clinton  
*Andreen, G. A., Instr.* A.  
 Andrews, C. W., Sr. *s* 86 Wall st.  
 Andrews, E. C., Jr. *a* 205 D.  
 Andrews, H. C., Sr. *a* 119 N.  
 Andrews, T. E., Fr. *a* 251 Crown st.  
 Angus, A. C., So. *a* Dwight Hall  
 Anthony, R. L., Jr. *a* 373 W.H.  
 Archbold, J. F., Sr. *s* 133 College st.  
 Arlt, F. W., So. *a* 802 State st.  
 Armstrong, E., *f* 208 Canner st.  
 Armstrong, G. E., Fr. *s* 116 College st.  
 Armstrong, L. D., Sr. *a* 28 v.  
 Armstrong, M. K., Fr. *s* 313 York st.  
 Armstrong, R. W., Fr. *a* 1151 Chapel st.  
 Armstrong, W. L., *g* A.  
 Arnold, A. B., Fr. *a* 27 High st.  
 Arnold, E. H., Instr. 46 York sq.  
 Arnold, H. S., Jr. *a* 321 w.  
 Arnold, W. A., Sr. *l* 531 P.  
 Arvine, E. P., Sr. *l* 1169 Chapel st.  
 Asher, C., *mus.* 23 Grove st.  
 Ashley, E. F., Jr. *m* 91 Lake pl.  
 Atha, A. H., Sr. *a* 4 v.  
 Atkin, E., Sr. *a* 126 High st.  
 Atkinson, R. L., So. *a* 22 College st.  
 Atterholt, F. M., Jr. *a* 368 W.H.  
 Atwater, D. K., Fr. *s* Meriden  
 Atwater, F. S., *f* 291 George st.  
 Atwater, M. D., Ass't. 22 Carmel st.  
 Atwood, G. E., Sr. *a* 156 F.  
 Aubrey, A. B., Jr. *l* Meriden  
 Auchincloss, H., So. *a* 22 College st.  
 Austin, M., *g* 83 Grove st.  
 Averell, W. H., Jr. *a* 262 L.  
 Avery, O. P., Mid. *d* 73 w. D.  
 Ayler, J. C., Sr. *l* 5 Winter st.  
 Babbitt, S. C., *f* Meriden  
 Babcock, A. B., Sr. *s* 131 Grove st.  
 Babcock, G. W., Fr. *a* 1076 Chapel st.  
 Babcock, H. H., So. *a* 563 P.  
 Babcock, H. K., Sr. *s* 90 Wall st.  
 Babcock, H. W., Jr. *a* 55 v.  
 Bacharach, M., Mid. *l* 151 Bradley st.  
 Backes, W. J., Sr. *s* 143 College st.  
 Backus, H. C., Sr. *s* 26 Forbes av.  
 Bacon, B. W., Prof. (10 E. D.)  
 Bacon, L. W., Instr. 30 Trumbull st.  
 Bacon, R. H. S., Fr. *a* 294 Elm st.  
 Baer, C. S., Fr. *a* 96 s. M.  
 Baer, J. F., Fr. *a* 238 York st.  
 Baer, J. F., Fr. *a* 238 York st.  
 Bailey, A. W., Mid. *d* 94 w. D.  
 Bailey, J. H., Jr. *a* 226 Commerce st.  
 Bailey, M., Instr. (150 F.)  
 Bailey, W. B., Ass't. 22 Temple st.  
 Baker, A. J., Jr. *a* 11 v.  
 Baker, F. M., Fr. *a* 95 s. M.  
 Baker, G. M., Jr. *a* 125 N.  
 Baker, G. P., Sr. *a* 89 s. M.  
 Baker, M. W., Sr. *d* 67 Gregory st.  
 Baker, R. C., Jr. *a* 230 D.  
 Baker, T. N., *g* 35 Foote st.  
 Baldwin, C. S., Ass't. Prof. (15 W.H.)  
 Baldwin, DeF., Sr. *a* 57 Wall st.  
 Baldwin, E. H., *g* 414 B.  
 Baldwin, E. H., *g* 150 Grove st.  
 Baldwin, J. W., *f* 36 College st.  
 Baldwin, N. A., So. *a* 22 College st.  
 Baldwin, S. E., Prof. (69 Church st.)  
 Balmer, W. E., Jr. *m* 44 Wall st.  
 Bancroft, C. K., Tutor 102 N.  
 Bancroft, E., *g* 90 Whalley av.  
 Bancroft, Philip, *f* 331 Temple st.  
 Bancroft, Phillips, Fr. *a* 110 N.  
 Bangs, M. B., Sr. *a* 201 D.  
 Barber, H. A., *g* 56 Whalley av.  
 Barbour, L. B., Jr. *a* 22 College st.  
 Barbour, R. W., Fr. *s* 101 Wall st.  
 Bardeen, N., Jr. *a* 283 w.  
 Barnard, W. K. Fr. *s* 313 York st.  
 Barnes, B., Ass't. 1442 Chapel st.  
 Barnes, C. D., Fr. *a* 549 P.  
 Barnett, F. B., Fr. *a* 27 College st.  
 Barnett, W. L., Jr. *l* 27 College st.  
 Barney, J. W., Jr. *a* 37 v.  
 Barney, S. E., Ass't. Prof. 346 Whitney av.  
 Barnwell, A., Fr. *s* 425 Temple st.  
 Baron, J. J., *i m* 92 Webster st.  
 Barrell, A. M., Jr. *a* 22 College st.  
 Barrell, J., *g* 373 Crown st.  
 Barrett, G. W., *i m* 91 Olive st.  
 Barroll, G. M., Jr. *s* 111 Grove st.  
 Barry, T. F., Mid. *l* Derby  
 Barstow, W. A., Sr. *a* 66 v.  
 Bartholomew, G. H., Jr. *a* 225 Sherman av.  
 Bartholomew, J. H., Jr. *s* 130 Wall st.  
 Bartholomew, W. C., Jr. *a* 225 Sherman av.  
 Bartlett, A. H., *g* 7 College st.  
 Bartlett, C. G., Sr. *a* 178 L.V.C.  
 Bartlett, C. J., Ass't. Prof. 78 Lake pl.  
 Bartlett, F. A., Jr. *l* 312 Orange st.  
 Bartlett, N. W., Jr. *a* 209 D.

- Bartlett, S. R., Jr. *a* 216 D.  
 Bascom, C. E., Fr. *s* 111 Grove st.  
 Bassett, F. P., Jr. *a* 369 WH.  
 Bassett, J. B., Jr. *s* 61 Grove st.  
 Hassett, S. E., *g* 41 Lynwood st.  
 Hassick, W. R., Jr. *s* 133 College st.  
 Bates, H. W., Sr. *s* 109 Wall st.  
 Batson, F. H., Fr. *a* 95 S. M.  
 Bauby, C. W., Sr. *l* 251 Crown st.  
 Bauer, E. T., Jr. *a* 125 N.  
 Baxter, C. H., Fr. *a* 217 York st.  
 Baylor, R. V., Fr. *a* 233 D.  
 Bayne, J., So. *a* 166 F.  
*Beach, F. E., Ass't. Prof.* 44 Lyon st.  
 Beach, L. J., *g* 615 George st.  
 Beach, W. D., Mid. *d* 96 W. D.  
 Beals, B. I., *g* 232 Columbus av.  
 Bear, C. E. L., Jr. *l* 59 Prospect st.  
 Beard, L. L., Sr. *a* 146 F.  
 Beardsley, A. P., *g* Derby  
 Beardsley, H. J., Jr. *a* 41 Howe st.  
 Beardsley, L. W., Spec. *l* Bridgeport  
 Beardsley, M. H., *f* 77 Ward st.  
 Beckwith, L. B., Fr. *a* 250 York st.  
 Beebe, K., Fr. *a* 242 York st.  
*Beebe, W., Prof.* 262 Bradley st.  
*Beecher, C. E., Prof.*  
 (9 M.) 610 Orange st.  
 Beecher, J. C., *mus.* Shelton  
 Beecher, L., *mus.* Bethany  
 Beeck, E. E., Sr. *a* 357 WH.  
 Beehler, W. H., Fr. *s* W. Haven  
 Beers, F., Fr. *a* 25 Vernon st.  
*Beers, G. E., Ass't. Prof.*  
 (15 Law School) 31 Lake pl.  
*Beers, H. A., Prof.* (171 F.)  
 25 Vernon st.  
 Beggs, G. H., *g* 224 Oak pl.  
 Beinecke, B., *g* 36 Elm st.  
 Belin, C. A., Sr. *a* 349 WH.  
 Belin, F. L., Fr. *s* 119 Wall st.  
 Belknap, C., Fr. *s* 387 Temple st.  
 Bell, A. M., Sr. *s* 131 Grove st.  
 Bell, A. McD., Jr. *a* 328 W.  
 Bell, S., Jr. *s* 17 Hillhouse av.  
 Beltz, F., So. *a* 7 Library st.  
 Benjamin, H. F., Sr. *s* 133 College st.  
 Benner, E. H., Fr. *s* 105 Park st.  
 Bennett, E. W., *f* 357 Elm st.  
 Bennett, M. T., Jr. *l* 1151 Chapel st.  
 Bennett, W., *g* 258 Church st.  
 Bentley, A. G., *g* A.  
 Bentley, C., Jr. *a* 268 L.  
 Bercinsky, D., *i m* 28 Dow st.  
 Berdan, J. M., *g* 523 P.  
 Bergen, M. H., Fr. *a* 316 Crown st.  
 Berger, A. B., So. *a* 22 College st.  
 Berger, W. F. B., Sr. *a* 33 V.  
 Bergin, T. J., Sr. *m* 14 Daggett st.  
 Berry, C. D., Sr. *a* 49 V.  
 Betts, R. W., Jr. *s* 117 Wall st.  
 Bevins, W. L., Mid. *l* Meriden  
 Bicknell, J., Sr. *a* 77 S. M.  
*Bierkan, A. T., Instr.* 42 Church st.  
 Bindley, E. H., Jr. *a* 253 L.  
 Bindley, W. A., Fr. *s* 110 Wall st.  
 Birch, H. T., Jr. *a* 335 WH.  
 Birely, C. W., Sr. *l* 570 P.  
 Bishop, C. A., Jr. *s* 131 Bradley st.  
*Bishop, F. C., Ass't.* 1223 Chapel st.  
*Bishop, L. B., Ass't.* 77 Whitney av.  
*Bishop, W. H., Instr.* 68 High st.  
 Bissell, H., Jr. *a* 557 P.  
 Bissell, H. M., Sr. *a* 20 V.  
 Bissell, R., Fr. *a* 270 L.  
*Blackman, W. F., Prof.* (7 E. D.)  
 253 St. Ronan st.  
 Blagden, A. S., Fr. *s* 159 Elm st.  
 Blakeslee, W. C., Jr. *d* 51 E. D.  
 Blanchard, F. Q., Jr. *d* 109 W. D.  
 Blatchley, C. E., *mus.* 219 Blatchley av.  
 Blatchley, J. E., Mid. *l*  
 219 Blatchley av.  
 Blatz, H., Res. Lic. *d* 980 Whalley av.  
 Blomfield, S. F., Sr. *d* 18 E. D.  
 Blossom, D. S., So. *a* 22 College st.  
 Blount, F. A., Jr., *a* 76 S. M.  
 Boardman, D., Fr. *a* 581 P.  
 Boardman, H. E., Sr. *s* 79 Wall st.  
 Boardman, S. S., Fr. *a* 250 York st.  
 Boder, L. F., Fr. *a* 287 York st.  
 Bodman, F. H., Res. Lic. *d* 94 York sq.  
 Bogart, J. D., So. *a* 339 York sq.  
 Boise, E. B., Sr. *a* 201 D.  
 Bolin, S. R., Sr. *l* 59 Prospect st.  
 Bollmann, C. F., Jr. *l* 40 Sylvan av.  
 Bolster, F. E., Sr. *d* 102 W. D.  
*Boltwood, B. B., Instr.* 162 S. L.  
 Bonner, F. D., So. *a* 37 Eaton st.  
 Boocock, H., Jr. *a* 22 College st.  
 Booth, A. E., *g* 3 Lake pl.  
 Booth, H. E., *f* 205 Orchard st.  
 Booth, L. R., *f* 67 Mansfield st.  
 Booth, M., *g* 12 Gill st.  
 Borden, J. H., Sr. *a* 285 W.  
 Boss, H. M., Sr. *l* 91 W. D.  
 Botkin, A. W., Sr. *s* 86 Wall st.  
 Bourn, W. G., Fr. *a* 332 Temple st.  
*Bourne, E. G., Prof.* 73 Mansfield st.  
 Bourret, C. A., Jr. *d* 90 W. D.

- Bowden, L. R., Sr. *l* 104 Wall st.  
 Bowen, T., Sr. *l* Ansonia  
 Bowles, H. T. Sr. *a* 178 LYC.  
 Boyajian, Z. E., *g* 249 Crown st.  
 Boyce, J., Sr. *a* 100 N.  
 Boyce, J. L., So. *a* 242 L.  
 Boyce, S. G., Sr. *a* 100 N.  
 Boyd, D. M., Sr. *a* 297 W.  
 Brackett, E. S., *1 m* 143 York st.  
 Bradbury, M. E., *g* 56 Whalley av.  
 Bradford, E. G., Jr. *a* 22 College st.  
 Bradish, S. P., Sr. *l* 132 Howe st.  
 Bradley, M. D., *f* 1346 Chapel st.  
 Bradley, W. M., *Ass't.* 1346 Chapel st.  
 Bradstreet, E. D., So. *a* 273 L.  
 Brady, N. F., Sr. *a* 28 v.  
 Bragg, R. W., Fr. *s* 387 Temple st.  
 Brainard, I. E., *2 m* 1151 Chapel st.  
 Brainard, M. B., Jr. *a* 22 College st.  
 Brainard, N. C., Fr. *a* 551 P.  
 Brand, P. R., Sr. *s* 96 Wall st.  
 Brann, M. A., *g* 74 Lake pl.  
 Brastow, L. O., *Prof.* (5 E. D.)  
 146 Cottage st.  
 211 State st.  
 Braun, J., Fr. *a*  
 Brayton, C. A., Sr. *a* 378 WH.  
 Breckenridge, W. E., *g* A.  
 Breinig, D. E., Fr. *s* 91 Park st.  
 Brendlinger, M. R., *g* Norwalk  
 Brennan, A. K., *Ass't.*  
 49 Humphrey st.  
 Brennan, W. D., Jr. *s* 113 Wall st.  
 Brett, A., *mus.* 195 James st.  
 Brewer, A., *g* 418 Orange st.  
 Brewer, W. H., *Prof.* (4 s. H.)  
 418 Orange st.  
 89 Whalley av.  
 Bridge, G. I., *g* Waterbury  
 Bridge, J. L., *g*  
 Briggs, C. S., Sr. *l* 376 Elm st.  
 Brigham, G. S., Fr. *s* 37 College st.  
 Brinley, C. E., Jr. *a* 329 W.  
 Brinton, H. F., *g* 99 Howe st.  
 Bristol, S. G., Jr. *a* 116 N.  
 Brixey, R. D., Fr. *s* 110 Wall st.  
 Brock, J. P., Jr. *a* 22 College st.  
 Bromley, J. M., *g* 101 St. John st.  
 Bronson, C. W., Jr. *a* 106 N.  
 Bronson, E. S., Jr. *a* 22 College st.  
 Bronson, H. L., Jr. *a* 106 N.  
 Bronson, L. H., So. *a* 1233 Chapel st.  
 Brooke, F. H., Sr. *a* 178 LYC.  
 Brooke, S. P., Sr. *a* 85 S.M.  
 Brooks, A. M., Jr. *s* 1 Hillhouse av.  
 Brooks, C. S., Jr. *a* 250 Crown st.  
 Brooks, E., Fr. *s* 313 York st.  
 Brooks, F. W., Fr. *a* A.  
 Brooks, J. A., *g* 66 Audubon st.  
 Brooks, S. L., Fr. *a* 107½ Day st.  
 Brougham, H. B., So. *a* 251 Crown st.  
 Brown, A., Fr. *a* 242 York st.  
 Brown, A. H., Sr. *l* 1193 Chapel st.  
 Brown, A. J., Sr. *a* 299 W.  
 Brown, C. P., *g* 220 Lawrence st.  
 Brown, E. D., So. *a* 129 F.  
 Brown, E. H., So. *a* 314 W.  
 Brown, E. Wilcox, Fr. *s* 271 Lloyd st.  
 Brown, E. Wm., *g* 106 Sherman av.  
 Brown, F. G., So. *a* 22 College st.  
 Brown, H. M., So. *a* 273 L.  
 Brown, Herbert S., *g* 340 Howard av.  
 Brown, Horace S., Jr. *s* 131 Grove st.  
 Brown, I. V., Fr. *a* 119 Park st.  
 Brown, James, Jr. *a* 129 Howe st.  
 Brown, Jamot, Sr. *a* 29 v.  
 Brown, L. P., So. *a* 75 S.M.  
 Brown, R., *Sec'y.* Observatory pl.  
 Brown, W. A., *g* N. Y. City  
 Brown, W. K., Fr. *s* 113 Wall st.  
 Brown, W. M., Sr. *s* Yalesville  
 Browning, P. E., *Ass't. Prof.*  
 (Kent Lab.) 351 WH.  
 Bruce, K., Jr. *a* 148 F.  
 Brudno, E. S., Mid. *l* 119 Park st.  
 Brush, G., Fr. *a* 270 Crown st.  
 Brush, G. J., *Prof.* (3 s. H.)  
 14 Trumbull st.  
 Bryant, O. S., Sr. *a* 167 F.  
 Buchanan, J. H., Jr. *l*  
 232 Columbus av.  
 Buchwalter, R. Z., Sr. *a* 352 WH.  
 Buck, J. H., Jr. *a* 145 F.  
 Buck, W. J., Jr. *a* 269 L.  
 Buckingham, C. B., So. *a* 281 L.  
 Buckingham, E. G., *g* 333 York st.  
 Buckingham, S. M., Sr. *a* 34 v.  
 Budau, J. H. D., Jr. *m* Bridgeport  
 Buell, C. E., Sr. *l* 263 Orange st.  
 Buell, W. H., Sr. *s* 287 York st.  
 Buhrman, A., Fr. *s* 333 York st.  
 Buist, G. L., Jr. *m* 120 College st.  
 Bulkley, J. E., Sr. *a* 288 W.  
 Bull, I. C., Fr. *s* 107 Wall st.  
 Bull, W. T., *1 m* 120 College st.  
 Bumstead, A., *g* 313 York st.  
 Bumstead, H. A., *Instr.* (118 WINCH.)  
 124 High st.  
 Bunnell, O. G., *Instr.* 92 York sq.  
 Burbank, H. E., Jr. *s* W. Haven  
 Burdick, I. E., Jr. *s* 61 Grove st.  
 Burdick, J. W., Fr. *a* 250 York st.

- Burgess, H. E., Fr. *a* 226 Whalley av.  
 Burlingame, E. W., *g* A.  
 Burlingham, L. H., Fr. *a* 120 High st.  
 Burnett, O. H., Sr. *l* 163 York st.  
 Burnham, C. L., Jr. *l* 333 York st.  
 Burnham, F., Fr. *a* 38 Lynwood st.  
 Burnham, J. L., Sr. *m* 98 Dwight st.  
 Burns, K. L., Jr. *a* 93 s. m.  
 Hurr, J. M., *f* Monroe  
 Burr, N. A., 2 *m* 105 Park st.  
 Burrall, J. B., Fr. *a* 552 P.  
 Burrell, N. M., Sr. *a* 332 WH.  
 Burroughs, H. O., *mus.* Bridgeport  
 Burtis, C. H., Sr. *a* 52 v.  
 Bush, C. E., *Ass't.* (1 S. H.)  
 133 Howe st.  
 Bushnell, C. C., *g* 92 York sq.  
 Bushnell, L. T., Fr. *a* 162 F.  
 Bushong, J. R., Jr. *a* 1044 Chapel st.  
 Butler, A. N., Jr. *a* 210 D.  
 Butler, G. H., *Clerk*  
 (1 Phelps) 136 Dwight st.  
 Butler, G. M., *Mid.* *d* 98 w.  
 Butler, L. K., So. *a* 1 v.  
 Buttrick, H. E., *g* A.  
 Byers, E. M., So. *a* 166 F.  
 Cady, C. W., So. *a* 208 D.  
 Cahn, M. D., So. *a* 592 P.  
 Caldwell, C. P., Sr. *l* 9 Library st.  
 Callahan, H. A., Sr. *a* 348 WH.  
 Callender, J. A., Fr. *a* 260 L.  
 Cameron, A., *Mid.* *d* 19 E. D.  
 Cameron, A., Jr., So. *a* 22 College st.  
 Cameron, D. P., Sr. *s* 96 Wall st.  
 Cameron, J. S., Sr. *a* 3 v.  
 Camp, J. P., Sr. *a* 124 N.  
 Camp, S. B., Jr. *a* 318 w.  
 Camp, S. G., Jr. *a* 215 D.  
 Campbell, A. S., Jr. *l* 69 Church st.  
 Campbell, C., Jr. *s* 1 Hillhouse av.  
 Campbell, F. W., Fr. *a*  
 100 Whalley av.  
 Campbell, J., *Prof.* Hartford  
 Campbell, J. H., Jr. *a* 159 Elm st.  
 Campbell, S., Jr. *a* 22 College st.  
 Canby, H. S., Sr. *s* 86 Wall st.  
 Candee, N., *Instr.* 3 Sylvan av.  
 Canfield, E. T., Sr. *a* 218 D.  
 Cannon, W. T., Sr. *m* 57 Liberty st.  
 Capen, C. P., Jr. *a* 308 w.  
 Capen, R. I., Sr. *a* 218 D.  
 Carey, C. D., Fr. *s* 130 Wall st.  
 Carey, R. D., Jr. *a* 229 D.  
 Carleton, G. M., Sr. *a* 247 L.  
 Carleton, H., So. *a* 548 P.  
 Carlisle, J. M., So. *a* 560 P.  
 Carmalt, W. H., *Prof.* 87 Elm st.  
 Carnell, F. J., Jr. *s* 138 College st.  
 Carpenter, G. B., Fr. *a* 248 York st.  
 Carrington, H. D., *Instr.*  
 335 Orange st.  
 Carroll, C. J., Sr. *s* 13 E. D.  
 Carson, J. D., Sr. *a* 355 WH.  
 Carson, T. C., So. *a* 568 P.  
 Carter, F., Jr. *a* 26 v.  
 Carter, G. W., *g* W. Haven  
 Carter, H., 2 *m* 1098 Chapel st.  
 Carter, L. B., So. *a* 313 w.  
 Carver, A. H., So. *a* 553 P.  
 Carver, C. A., Jr. *a* 114 High st.  
 Caskey, L. D., So. *a* 168 F.  
 Casler, D. B., Jr. *a* 206 D.  
 Catlin, G. L., So. *a* 137 F.  
 Chaffee, E. S., Jr. *s* 77 w. D.  
 Chaffee, F. M., Jr. *d* 108 w. D.  
 Chamberlain, A. R., So. *a* 529 P.  
 Chamberlain, H. B., Fr. *a* 74 s. M.  
 Chamberlain, J. B., So. *a* 74 s. M.  
 Chamberlain, W. L., Fr. *a* 143 F.  
 Chamberlin, B. C., *g* 332 Temple st.  
 Chamberlin, R. M., Fr. *s* 62 Lake pl.  
 Chambers, H. W., Sr. *a* 322 w.  
 Chandler, G. P., *g* 46 College st.  
 Chandler, R. W., So. *a* 31 High st.  
 Chandler, W. W., *mus.* 31 High st.  
 Chapin, R. E., Jr. *s* 64 Lake pl.  
 Chapin, T. J., Fr. *a* 365 WH.  
 Chapman, H. H., *g* 139 Dwight st.  
 Chapman, H. W., *g* Bridgeport  
 Chappell, D., Jr. *a* 212 D.  
 Chappell, G. S., Sr. *a* 20 v.  
 Chappell, H., So. *a* 173 F.  
 Charles, W. T., Jr. *s* 61 Grove st.  
 Chase, F. H., *Tutor* 2 University pl.  
 Chase, F. L., *Ass't.* *Astron.*  
 Observatory  
 Chase, L. B., *Mid.* *d* 26 E. D.  
 Chase, W. L., Fr. *a* 333 York st.  
 Cheney, A. J., *mus.* 45 Elm st.  
 Cheney, B. A., *Ass't.* *Prof.* 40 Elm st.  
 Cheney, F. D., Jr. *a* 15 v.  
 Cheney, H. C., Sr. *a* 45 Elm st.  
 Cheney, P., So. *a* 169 F.  
 Cheney, T. L., So. *a* 169 F.  
 Childs, C. F., Sr. *a* 6 v.  
 Childs, C. L., Fr. *s* 391 Temple st.  
 Childs, J. H., So. *a* 279 L.  
 Chisholm, C., Jr. *s* 119 Wall st.  
 Chisholm, F. M., So. *a* 173 F.  
 Chisholm, H., So. *a* 22 College st.

Chittenden, A. K., Jr. <i>s</i>	Coe, B. G., <i>mus.</i>	Madison
83 Trumbull st.	Coe, F. S., Sr. <i>s</i>	99 Wall st.
Chittenden, G. P., So. <i>a</i>	Coe, W. R., <i>Instr.</i>	2 Hillhouse av.
Chittenden, R. H., <i>Prof.</i>	Coffin, C. E., Sr. <i>a</i>	64 v.
(3 s. h.) 83 Trumbull st.	Coffin, H. S., <i>g</i>	A.
Chittenden, S. B., Fr. <i>a</i>	Coffin, W. S., Jr. <i>a</i>	63 v.
203 York st.	Cogswell, L., Sr. <i>a</i>	353 WH.
Chittenden, W. L., Jr. <i>a</i>	Coit, R. M., Sr. <i>a</i>	342 WH.
254 L.	Cole, R. H., Fr. <i>a</i>	583 P.
Christian, H. H., So. <i>a</i>	Colebeck, E. L., <i>g</i>	159 Elm st.
Christie, E. B., So. <i>a</i>	Colgan, J. P., 2 <i>m</i>	118 Ashmun st.
Church, R. S., Jr. <i>m</i>	Collins, C. H., Fr. <i>a</i>	1076 Chapel st.
1142 Chapel st.	Collins, E. D., <i>Ass't.</i>	571 P.
Church, W., Sr. <i>l</i>	Collins, J. E., Jr. <i>s</i>	W. Haven
89 Sherman av.	Collins, W. F., Fr. <i>a</i>	393 East st.
Churchill, W., <i>g</i>	Collins, W. L. B., Jr. <i>d</i>	110 w. D.
100 w. D.	Colp, D. G., Sr. <i>d</i>	6 E. D.
Clapp, R. G., Sr. <i>s</i>	Colton, H. B., So. <i>a</i>	101 w. D.
36 Elm st.	Colton, H. E., Fr. <i>a</i>	58 w. D.
Clapp, S. H., So. <i>a</i>	Colton, M. A., <i>Instr.</i>	104 Park st.
578 P.	Colvocoresses, G. M., Jr. <i>a</i>	555 P.
Clark, A. B., Fr. <i>a</i>	Colwell, H. C., Sr. <i>a</i>	327 w.
333 York st.	Comley, W. H., Sr. <i>l</i>	Bridgeport
Clark, A. M., <i>f</i>	Comstock, W. J., <i>Instr.</i>	43 Trumbull st.
Bridgeport	Condit, P. B., Fr. <i>s</i>	116 College st.
Clark, A. T., Jr. <i>s</i>	Congdon, E., Jr. <i>a</i>	81 s. m.
166 Meadow st.	Conklin, L. R., <i>g</i>	A.
Clark, C. U., <i>g</i>	Conklin, W. E., <i>g</i>	73 Lake pl.
Rome	Conlan, F. J., Fr. <i>s</i>	176 Franklin st.
Clark, E. H., Jr. <i>s</i>	Conner, C. H., Sr. <i>a</i>	347 WH.
17 Hillhouse av.	Conner, N. G., Jr. <i>a</i>	144 Park st.
Clark, F. A., So. <i>a</i>	Conner, W. B., Sr. <i>a</i>	347 WH.
22 College st.	Connor, T. M., Sr. <i>l</i>	819 Chapel st.
Clark, G. H., <i>g</i>	Connor, W. M., Fr. <i>s</i>	333 York st.
125 Spring st.	Conrey, H. M., <i>g</i>	276 Orange st.
Clark, G. M., So. <i>a</i>	Conway, C. C., Sr. <i>s</i>	17 Hillhouse av.
106 w. D.	Conway, W. F., Mid. <i>l</i>	383 George st.
Clark, H. S., Sr. <i>s</i>	Cook, A. S., <i>Prof.</i>	(135 Elm st.) 219 Bishop st.
131 Grove st.	Cook, C. P., Fr. <i>s</i>	128 High st.
Clark, J. E., <i>Prof.</i>	Cook, F. C., Jr. <i>a</i>	134 F.
(40 N. S. H.) 445 Orange st.	Cook, L. A., Jr. <i>a</i>	280 L.
Clark, J. K., Sr. <i>a</i>	Cooke, C. M., <i>Ass't.</i>	343 George st.
249 L.	Cooney, W. J., 2 <i>m</i>	107 Greene st.
Clark, J. W., Jr. <i>a</i>	Coonley, F., Jr. <i>m</i>	333 York st.
164 F.	Copley, G. N., Fr. <i>s</i>	411 Temple st.
Clark, O. M., Jr. <i>l</i>	Corbet, W. W., Jr. <i>s</i>	293 York st.
163 York st.	Corbin, Alberta L., <i>g</i>	26 Howe st.
Clark, P. D., Fr. <i>a</i>	Corbin, Arthur L., Sr. <i>l</i>	26 Howe st.
7 Library st.	Cornwall, F. M., <i>mus.</i>	Milford
Clark, R. P., Jr. <i>l</i>	Corwin, A. F., Sr. <i>s</i>	133 College st.
120 High st.	Corwin, R. N., <i>Ass't. Prof.</i>	333 Crown st.
Clark, R. S., Sr. <i>s</i>	Cory, R. H., Fr. <i>a</i>	595 P.
77 Wall st.		
Clark, W. F., Mid. <i>d</i>		
31 E. D.		
Clark, W. H., Sr. <i>l</i>		
533 P.		
Clark, W. M., Fr. <i>s</i>		
771 Orange st.		
Clark, W. R., Sr. <i>s</i>		
82 Whalley av.		
Clarke, C. C., <i>Instr.</i>		
65 Grove st.		
Clarke, C. G., Jr. <i>d</i>		
95 w. D.		
Clarke, K. K., Jr. <i>s</i>		
124 Wall st.		
Clarke, M. E., <i>mus.</i>		
223 Whalley av.		
Clarke, T. B., Jr. <i>a</i>		
239 D.		
Clarke, T. L., <i>g</i>		
A.		
Clarke, W. R., Jr. <i>a</i>		
250 Crown st.		
Clegg, W. E., Fr. <i>a</i>		
9 Library st.		
Cleland, H. F., <i>g</i>		
55 N. S. H.		
Clement, A. W., Jr. <i>a</i>		
51 v.		
Clifford, O. M., Fr. <i>a</i>		
1151 Chapel st.		
Clock, R. O., Fr. <i>s</i>		
78 Lake pl.		
Clopton, W. G., 1 <i>m</i>		
1098 Chapel st.		
Cluett, A. R., Jr. <i>s</i>		
133 College st.		
Clute, H. E., Jr. <i>d</i>		
40 E. D.		
Clyde, J. P., Sr. <i>d</i>		
47 E. D.		
Clyde, W. P., So. <i>a</i>		
22 College st.		
Cochran, C. H., Fr. <i>a</i>		
270 L.		
Cocks, G. H., Sr. <i>a</i>		
379 WH.		
Coddington, J. W., Sr. <i>a</i>		
122 N.		



- Costello, P. V., 2 m 214 Franklin st.  
*Coudert, F. R., Lecturer* N. Y. City  
Coughlin, T. C., Mid. l Bridgeport  
Coughlin, W. J., Sr. l 251 Crown st.  
Cowdrey, W. L., Jr. s 99 Wall st.  
Cox, H. B., Fr. a 238 York st.  
Coxe, A. C., So. a 256 L.  
Coy, S. L., So. a 278 L.  
Craft, W. M., Sr. l 114 Howe st.  
Crampton, F., Jr. a 262 L.  
Crane, Z. M., Jr. a 309 W.  
Crawford, C. M., Jr. a 116 N.  
Crawford, F. T., Jr. a 239 D.  
Crawford, O., So. a 417 B.  
Creager, J. O., g 59 Prospect st.  
*Creelman, H., Instr.* 70 W. D.  
Creevey, W. S., Fr. a 542 P.  
Cressler, A. M., Fr. a 248 York st.  
Cressler, G. H., Fr. s 124 Wall st.  
Cressy, M. S., Jr. a 130 F.  
Crittenden, W. E., Jr. a 210 D.  
Cross, F., Jr. a 448 Washington av.  
Cross, J. W., Jr. a 329 W.  
*Cross, W. L., Ass't. Prof.* (22 S. H.)  
430 Temple st.  
Crossley, J. J., g 128 Howe st.  
Crosthwaite, J. L., So. a 1151 Chapel st.  
Crouse, G. N., Jr. s 17 Hillhouse av.  
Crowe, R. E., Jr. l 66 W. D.  
*Crowe, W. H., Ass't.* 68 Whalley av.  
Cummings, F. L., mus. Plantsville  
Cunha, A. R., Jr. l 64 High st.  
Currier, R. D., Jr. a 67 W. D.  
*Curry, S. S., Instr.* 12 E. D.  
Curtis, C. E., g 254 Prospect st.  
*Curtis, E. L., Prof.* (12 E. D.)  
61 Trumbull st.  
Curtis, E. N., So. a 168 F.  
Curtis, G. L., Fr. a 1151 Chapel st.  
Curtiss, C. L., Spec. s 374 Whalley av.  
Curtiss, H. S., So. a 242 L.  
Curtiss, W. E., Sr. a 36 V.  
Cushing, C. C. S., Fr. a 165 F.  
Cushman, W. D., Sr. a 348 W. H.  
Cutten, G. B., g Montowese  
Cutter, E., Jr. s 133 College st.  
Cutter, W. D., Sr. a 109 N.  
*Daggett, L. M., Instr.*  
(42 Church st.) 77 Grove st.  
Dallam, J. C., Sr. s 110 Wall st.  
*Dana, E. S., Prof.* (4 M.) 119 Grove st.  
Dana, J. D., Jr. a 305 W.  
Dann, P. N., Sr. s 539 Orange st.  
Darling, R., Sr. a 344 W. H.  
Darlington, C. L., Sr. a 14 V.  
Dashiell, P. T., Sr. s 131 Grove st.  
Dautel, G., Sr. a 43 V.  
Davenport, W. E., Sr. a 144 F.  
Davidson, E. E., Jr. a 203 D.  
Davies, F. M., Sr. a 46 V.  
Davies, W. E., Jr. d 50 E. D.  
Davis, A. W., Sr. a 61 V.  
Davis, C. W., Fr. a 586 P.  
Davis, G. E., Fr. a 35 Lynwood st.  
Davis, H. L., Sr. s 138 College st.  
Davis, J. E., Jr. a 229 D.  
Davis, W. E., Fr. a 1044 Chapel st.  
Davis, W. W., g Gymnasium  
Day, C. E., Fr. s 293 York st.  
Day, D. H., Sr. a 18 V.  
Day, D. S., Fr. a 115 W. D.  
Day, E. E., Sr. d 24 E. D.  
*Day, G. E., Prof.* 125 College st.  
Day, H. F., Fr. s 156 Grove st.  
Day, J., So. a 240 D.  
Day, O. A., Sr. s 131 Grove st.  
Day, W. E., Fr. a 250 York st.  
Dean, E. C., Jr. s 135 Wall st.  
Dean, S. B., Jr. a 254 L.  
Deane, J. P., Grad. d 85 W. D.  
Deane, S. N., Fr. a 85 W. D.  
Decrow, J. W., Jr. a 374 W. H.  
Deering, J. R., Fr. a 238 York st.  
*Defendorf, A. R., Lect.* Middletown  
DeForest, C. M., So. a 599 P.  
deForest, E. L., Jr. s 133 College st.  
DeForest, F. M., g Bridgeport  
DeForest, L., g 63 W. D.  
*DeForest, L. S., Prof.* 54 Wall st.  
DeForest, R. G., Jr. l Bridgeport  
DeGolyer, D. L., Jr. s 1 Hillhouse av.  
Delafield, E. H., Fr. a 119 Wall st.  
Delano, M., g A.  
Delano, R. L., Jr. a 290 W.  
DeNeefe, H. S., Mid. l 333 York st.  
Dennis, H. R., Sr. a 377 W. H.  
Dettmer, J. G., So. a 152 F.  
Dewey, G. A., Fr. a 572 P.  
Dewey, H. M., Sr. a 298 W.  
*Dexter, F. B., Sec'y. (Libr.)*  
178 Prospect st.  
Dickerman, E. S., g 46 Lake pl.  
Dickerman, H. L., Jr. l Westville  
Dickerman, S. O., g Athens  
Dickinson, F. M., Jr. s 103 Park st.  
Dillon, S., Sr. s 119 Wall st.  
Ditmars, R. F., Fr. s 563 Orange st.  
Dix, W. L., Fr. a 285 York st.  
Dixon, H. L., Fr. s 110 Wall st.

Docker, G. P., Sr. <i>s</i>	90 Wall st.	Eames, M. D., Sr. <i>a</i>	315 w.
Dodd, L. W., Sr. <i>s</i>	313 York st.	Eastlund, J., <i>g</i>	218 Mansfield st.
Dodd, R. L., Jr. <i>a</i>	68 Park st.	Eastman, F. M., Fr. <i>a</i>	1076 Chapel st.
Dodge, C. P., Sr. <i>a</i>	181 LYC.	Easton, E., Fr. <i>a</i>	1151 Chapel st.
Dodge, L., <i>g</i>	83 Grove st.	Eaton, E. D., Jr. <i>a</i>	145 F.
Dodge, M. W., Sr. <i>a</i>	30 v.	Eaton, G. F. <i>Ass't.</i>	70 Sachem st.
Dodson, F. S., So. <i>a</i>	110 N.	Eaton, F. W., Jr. <i>a</i>	238 D.
Dominick, G. F., <i>g</i>	A.	Eberle, O. L., Fr. <i>s</i>	140 College st.
Doniphan, J. V., Sr. <i>a</i>	285 w.	Eble, R. A., Jr. <i>a</i>	367 WH.
Donnelly, E. F., So. <i>a</i>	1076 Chapel st.	Eckhardt, M. M., Jr. <i>s</i>	22 College st.
Donnelly, R. J., Sr. <i>s</i>		Eddy, E. M., Sr. <i>s</i>	413 Temple st.
Doochan, D. P., Sr. <i>s</i>	193 Lexington av.	Eddy, O. H., So. <i>a</i>	163 F.
Doudge, B. T., So. <i>a</i>	1076 Chapel st.	Edgerton, J. W., Mid. <i>l</i>	Middletown
Douglas, M., Jr. <i>a</i>	225 D.	Edmondson, G. J. N., Fr. <i>s</i>	
Douglass, J. B., Mid. <i>l</i>	314 Crown st.		18 Bishop st.
Dow, C. M., Jr. <i>s</i>	96 Wall st.	Edwards, G. H., <i>g</i>	57 Prospect st.
Dow, H. A., Jr. <i>a</i>	206 D.	Edwards, R. H., So. <i>a</i>	522 P.
Dowd, W. E., Jr. <i>s</i>	131 Grove st.	Edwards, S. W., Jr. <i>a</i>	245 L.
Downes, M. T., Sr. <i>l</i>	Wallingford	Eells, J. S., So. <i>a</i>	19 v.
Downs, E. S., <i>g</i>	1157 Chapel st.	Eggleston, E. P., Jr. <i>a</i>	252 L.
Downs, M. B., Jr. <i>l</i>	Bridgeport	Ehrich, H. L., Fr. <i>a</i>	119 Wall st.
Downs, W. J., So. <i>a</i>	91 s. m.	Ehrich, W. J., Jr. <i>s</i>	114 High st.
Doyle, C. F., Sr. <i>a</i>	348 WH.	Ehrich, W. L., Sr. <i>s</i>	114 High st.
Draper, C. H., Jr. <i>a</i>	16 v.	Eiseman, F. B., So. <i>a</i>	223 D.
Dresser, R. B., Fr. <i>a</i>	287 York st.	Eldridge, J. G., <i>g</i>	39 Lake pl.
Drew, D. C., Jr. <i>a</i>	81 s. m.	Eliason, E. L., So. <i>a</i>	219 York st.
Droste, G. A., So. <i>a</i>	22 College st.	Elkin, W. L., <i>Astron.</i>	477 Prospect st.
DuBois, A. J., Prof.	(129 WINCH.)	Elkins, S. B., Jr. <i>a</i>	319 w.
	258 Bradley st.	Ellerbe, C. P., Jr. <i>a</i>	406 B.
Dubuque, A. Y., Sr. <i>a</i>	394 B.	Ellis, A. L., <i>i m</i>	1010 Chapel st.
Dudley, C. T., Jr. <i>s</i>	133 College st.	Ellis, G. B., So. <i>a</i>	55 v.
Dudley, G. W., Jr. <i>s</i>	526 George st.	Ellsbree, E. C., Jr. <i>a</i>	Meriden
Dudley, S. W., Jr. <i>s</i>	Westville	Ellsworth, H. E., Jr. <i>a</i>	15 v.
Duell, H. S., Fr. <i>a</i>	170 York st.	Elmes, F. A., Fr. <i>a</i>	231 York st.
Duhan, J., Fr. <i>s</i>	1136 State st.	Elvin, J., Fr. <i>a</i>	205 Crown st.
Duke, A., <i>i m</i>	37 Townsend st.	Ely, A. E., Jr. <i>a</i>	183 LYC.
Duncan, G., Jr. <i>a</i>	406 B.	Ely, C. B., Jr. <i>s</i>	133 College st.
Duncan, G. M., Prof.	175 Edwards st.	Ely, H. S., So. <i>a</i>	600 P.
Duncan, H., Fr. <i>a</i>	128 High st.	Ely, J. S., Prof.	60 Wall st.
Duncan, S., <i>g</i>	1142 Chapel st.	Ely, M. U., Jr. <i>l</i>	526 P.
Duncan, W. W., Fr. <i>a</i>	1076 Chapel st.	Emerson, J. R., Jr. <i>s</i>	130 Wall st.
Dundon, A. H., Sr. <i>m</i>	Bridgeport	Emmett, F. A., <i>i m</i>	120 York st.
Dunleavy, J. J., <i>i m</i>	14 St. John st.	Ender, F. C., <i>i m</i>	282 Washington av.
Dunn, R. L., Sr. <i>s</i>	111 Grove st.		
Dunning, H. W., Instr.	76 w. D.	Engelking, S., Jr. <i>a</i>	1 TR.
Dupee, C., So. <i>a</i>	556 P.	Ennis, E. A., <i>f</i>	West Haven
Durbin, L. J., Sr. <i>a</i>	6 v.	Entreklin, J. C., Sr. <i>a</i>	60 v.
Duren, W., Fr. <i>s</i>	395 Temple st.	Ernst, N. P., Fr. <i>s</i>	126 Wall st.
Durfee, E. L., <i>Ass't.</i>	571 P.	Escher, A. F., Fr. <i>a</i>	9 Library st.
Durston, A. H., Sr. <i>s</i>	131 Grove st.	Eshleman, H. L., So. <i>a</i>	62 Lake pl.
Dustin, G. K., Sr. <i>s</i>	133 Wall st.	Estee, O. D., Jr. <i>a</i>	245 L.
Dutton, H. F., Jr. <i>s</i>	110 Wall st.	Evans, A. W., Instr.	(18 s. H.)
Dwight, A. T., Jr. <i>s</i>	110 Wall st.		2 Hillhouse av.
Dwight, T., Pres. (7 TR.)		Evans, B. H., Sr. <i>a</i>	346 WH.
	126 College st.	Evans, E., <i>g</i>	31 Beers st.

- Evans, E. R., Sr. *d* 83 w. d.  
 Evans, F. H., Fr. *a* 168 York st.  
 Evans, J. L., Sr. *a* 332 wh.  
 Evans, W. A., Fr. *a* 124½ Park st.  
 Evarts, H. C., Fr. *a* 336 Orange st.  
 Everett, W. E., Sr. *a* 246 L.  
 Evers, S. J., *g* Glenbrook  
 Ewart, R. W., Jr. *l* 1044 Chapel st.  
 Ewell, A. W., Ass't. (Sloane Lab.)  
 1010 Chapel st.  
 Ewell, W. S., So. *a* 34 Hillhouse av.  
 Fackler, E. B., Jr. *a* 596 P.  
 Fair, C. M., Sr. *a* 62 v.  
 Faithorn, W. E., Fr. *s* 407 Temple st.  
 Fallon, F. B., Sr. *a* 144 P.  
 Falls, J. W., Jr. *s* 110 Wall st.  
 Fankhauser, C. K., *g* 121 Dwight st.  
 Fanslow, A. Y., *mus.* 53 Salem st.  
 Fanslow, W. F., So. *a* 53 Salem st.  
 Fanton, W. H., Fr. *a* 126 Wall st.  
 Farley, E. F., Jr. *a* Derby  
 Farley, E. W., Fr. *s* 132 Wall st.  
 Farley, J. A., Sr. *a* 339 wh.  
 Farnam, H. W., Prof.  
 43 Hillhouse av.  
 Farnam, T. W., Sr. *a* 331 wh.  
 Farnam, W. W., Treas.  
 (5 TR.) 335 Prospect st.  
 Farnham, B. W., *g* Westville  
 Farr, H. A., Tutor 333 York st.  
 Farra, J. A., Fr. *s* 407 Temple st.  
 Farrar, H. B., Fr. *a* 250 York st.  
 Farrel, A., Fr. *a* 39 College st.  
 Faulkner, F., Jr. *l* 128 High st.  
 Feeter, J. A. C., Fr. *s* 99 Wall st.  
 Fenton, H. J., Sr. *a* 124 N.  
 Ferguson, A. L., Fr. *a* 250 York st.  
 Ferguson, E. B., Mid. *d* 97 w. d.  
 Ferguson, J. S., Jr. *a* 240 D.  
 Ferguson, R., Jr. *a* 422 B.  
 Fernanders, B. M., Res. Lic. *d*  
 45 Foote st.  
 Ferris, H. B., Prof. 118 York st.  
 Ferry, F. F., Jr. *a* 230 D.  
 Ferry, J. F., Fr. *s* 391 Temple st.  
 Ferry, M., Fr. *s* 391 Temple st.  
 Fessenden, A., Jr. *l* 18 Cassius st.  
 Ficke, T. H., Jr. *l* 163 York st.  
 Field, C. W., Jr. *m* 1161 Chapel st.  
 Field, G. W., Sr. *a* 109 N.  
 Field, H. M., Jr. *a* 211 D.  
 Field, T. J., Sr. *l* 1044 Chapel st.  
 Field, W. H., Sr. *a* 341 wh.  
 Fifield, A. B., *g* 442 George st.  
 Fincke, W. M., Fr. *s* 124 Wall st.  
 Findley, J. A., So. *a* 99 N.  
 Finley, J. H., Sr. *s* 1010 Chapel st.  
 Finnegan, G. J., Mid. *l*  
 1151 Chapel st.  
 Fish, L. B., Fr. *s* 68 William st.  
 Fisher, E. H., Fr. *s* 22 College st.  
 Fisher, G. P., Prof. (9 E. D.)  
 27 Hillhouse av.  
 Fisher, H. W., Jr. *l* 459 Prospect st.  
 Fisher, I., Prof. 460 Prospect st.  
 Fisher, I. L., Jr. *a* 93 S. M.  
 Fisher, T. R., Sr. *s* 22 College st.  
 Fiske, J. L., So. *a* 1010 Chapel st.  
 Fiske, J. M., Sr. *s* 107 Wall st.  
 FitzGerald, E., Fr. *a* 7 Library st.  
 Flaherty, M., Sr. *l* Derby  
 Flanagan, M. J., Mid. *l* Bridgeport  
 Flannery, W. J., Jr. *m* New Britain  
 Fleming, A. S., Fr. *a* 158 Whitney av.  
 Fletcher, E. L., Sr. *s* 337 Orange st.  
 Fletcher, R. S., So. *a* 176 F.  
 Flinn, R. E., Fr. *s* 391 Temple st.  
 Flint, H. M., So. *a* 123 N.  
 Flint, R. P., Sr. *s* 17 Hillhouse av.  
 Flora, C. P., Fr. *a* 64 Lake pl.  
 Flynn, J. F., Sr. *a* 128 N.  
 Foley, A. G., *mus.* Silver Lane  
 Follett, A. G., Jr. *s* 22 Whalley av.  
 Foote, H. L., Fr. *a* 19 Howe st.  
 Foote, H. W., Ass't. 162 S. L.  
 Foote, S. T., Fr. *a* 540 P.  
 Forbes, C. B., *mus.* E. Haven  
 Forbes, H. deB., Sr. *s* W. Haven  
 Ford, W. E., Sr. *s* 16 Lynwood st.  
 Forrest, R. E., Sr. *a* 32 v.  
 Fosburgh, J. B. A., Fr. *s* 42 Elm st.  
 Foster, A. K., *g* 140 Shelton av.  
 Foster, C. A., Fr. *s* 391 Temple st.  
 Foster, C. R., Fr. *a* 404 Crown st.  
 Foster, D., Sr. *m* 174 Winchester av.  
 Foster, J. P. C., Instr. 109 College st.  
 Foster, R., Lecturer N. Y. City  
 Foster, W. F., Ass't. Prof.  
 158 York st.  
 Foster, W. L., Jr. *a* 183 LYC.  
 Foulks, J. A., Fr. *s* 96 Wall st.  
 Fowler, C. J., Jr. *l* 59 Prospect st.  
 Fowler, C. R., Sr. *a* 156 F.  
 Fowler, F. H. B., Sr. *s*  
 108 Humphrey st.  
 Fox, A. G., Jr. *a* 59 v.  
 Fox, C. J., Jr. *l* 58 Sylvan av.  
 Fox, E. L., Fr. *a* 242 York st.  
 Fox, G. A., *mus.* 58 Sylvan av.  
 Fox, G. L., Lecturer 7 College st.

- Francis, C. B., Fr. *a* 217 York st.  
 Francis, C. D., Fr. *a* 130 Howe st.  
 Francis, D. R., Jr. *a* 318 w.  
 Franey, F. J., Sr. *a* 106 Asylum st.  
 Frank, L., Jr. *a* 377 wh.  
 Franklin, T. E., Jr. *a* 390 B.  
 Fraser, A. E., Grad. *d* 88 Lake pl.  
 Frazer, C. R., Sr. *a* 304 w.  
 Frederick, C. H., Jr. *a* 80 s. m.  
 Freeborn, C. J., Sr. *s* 111 Grove st.  
 Frisbie, E. W., Fr. *a* 551 P.  
 Frisbie, W. S., Fr. *s* Meriden  
 Fukuda, T., Grad. *l* 120 Dwight st.  
 Fuller, H. B., Jr. *a* 403 B.  
 Fuller, H. G., Fr. *s* 132 Wall st.  
 Fuller, L. P., Sr. *a* 393 B.  
 Fuller, R. N., 2 *m* 40 Kensington st.  
 Fullerton, A. F., *f* 11 College st.  
 Fulton, L. E., So. *a* 219 D.  
 Fulton, W. H., Jr. *s* 132 Columbus av.  
 Fulton-Phizemayer, C. A., Jr. *l* 37 Wooster pl.  
 Gager, E. B., Instr. Derby  
 Gaines, D. H., Sr. *s* 117 Wall st.  
 Gaines, J. M., Ass't. 530 P.  
 Gaines, M. W., Jr. *l* 223 York st.  
 Gaines, T. J., Fr. *a* 238 York st.  
 Gale, A. S., Sr. *a* 250 L.  
 Gallagher, E. *f* 13 University pl.  
 Gallaudet, E. F., Instr. 53 v.  
 Galpin, H. L., Fr. *a* 333 wh.  
 Gammach, A. J., *g* 80 Broadway  
 Gannon, J. W., Sr. *s* 231 York st.  
 Gans, J., Fr. *s* 387 Temple st.  
 Gard, A., Fr. *s* 9 Library st.  
 Gardner, J. A., So. *a* 1076 Chapel st.  
 Gardner, S. W., So. *a* 82 s. m.  
 Garnett, C. H., Sr. *l* 9 Library st.  
 Garnsey, W. S., Fr. *a* 590 P.  
 Garrett, W. T., Fr. *a* 363 wh.  
 Garvan, J. S., Fr. *a* 44 College st.  
 Gast, R. S., Fr. *a* 238 York st.  
 Gates, M. H., Sr. *a* 320 w.  
 Gause, H. C., Sr. *s* 86 Wall st.  
 Gay, L. L., Fr. *s* 136 College st.  
 Geis, S. W., *g* 83 Sachem st.  
 Geiser, K. F., *g* 47 Lake pl.  
 Gibbs, J. W., Prof. (Sloane Lab.) 121 High st.  
 Gibson, P. J., Fr. *s* 17 Hillhouse av.  
 Gifford, H. V., Jr. *s* 96 Wall st.  
 Gilbert, H., Fr. *s* 387 Temple st.  
 Gilbert, H. A., Fr. *s* 224 Oak st.  
 Gilbert, H. C., Ass't. (Libr.) 22 Whalley av.  
 Gilbert, P. T., So. *a* 224 Oak pl.  
 Gile, A. L., Jr. *l* 163 York st.  
 Gillam, I. T., *g* 1016 Chapel st.  
 Gillespie, W. F., Jr. *a* 252 L.  
 Gillet, L. A., Sr. *s* 96 Wall st.  
 Gillett, P. L., Mid. *d* 99 w.  
 Gillett, R. H., Fr. *s* 96 Wall st.  
 Gillette, G. W. F., *g* 9 Eld st.  
 Gilman, S., Sr. *a* 60 v.  
 Gilmore, S. A., Sr. *a* 236 D.  
 Gilpatrick, R. H., So. *a* 157 F.  
 Gilson, J. L., Sr. *a* 98 N.  
 Gladding, F. W., Jr. *a* 413 B.  
 Gleason, A. H., So. *a* 559 P.  
 Gleason, C. J., Jr. *a* 19 Sylvan av.  
 Gleason, J. E., Jr. *a* 392 B.  
 Gleeson, P., 1 *m* E. Bridgeport  
 Glendinning, M., Sr. *a* 155 Elm st.  
 Glynn, D. L., 1 *m* 99 Howe st.  
 Goddard, R. H. L., Fr. *a* 324 w.  
 Godfrey, W. B., Fr. *a* 120 College st.  
 Gooch, F. A., Prof. (Kent Lab.) 169 Edwards st.  
 Goodell, T. D., Prof. 35 Edgehill Road  
 Goodman, J. H., Sr. *s* 11 Home pl.  
 Goodman, R. J., Sr. *l* 427 Temple st.  
 Goodwin, B., Sr. *s* 119 Wall st.  
 Goodwin, F. S., Fr. *a* 260 L.  
 Goodwin, J. L., Fr. *a* 586 P.  
 Goodyear, A. C., Sr. *a* 17 v.  
 Gordon, C. R., Fr. *s* 17 Hillhouse av.  
 Gorham, F. A., Sr. *a* 295 w.  
 Goss, H. E., Jr. *a* 1044 Chapel st.  
 Gott, P. V., Fr. *a* 333 York st.  
 Gould, C., Fr. *a* 1151 Chapel st.  
 Gould, M. P., Jr. *a* 216 D.  
 Gould, R. H., Jr. *l* Bridgeport  
 Graeber, L. F., *mus.* Meriden  
 Graff, R. M., Sr. *s* 131 Grove st.  
 Grammer, N., Fr. *s* 132 Wall st.  
 Granbery, E. C., Fr. *a* 248 York st.  
 Grant, E. J., Sr. *s* 313 York st.  
 Grant, R. F., Sr. *s* 150 Grove st.  
 Granville, W. A., Instr. (46 N. S. H.) 7½ Eld st.  
 Graves, A. H., Jr. *a* 269 L.  
 Graves, G. D., Sr. *a* 147 F.  
 Gray, H., Spec. *s* 38 Mansfield st.  
 Gray, H. L., Sr. *s* 128 High st.  
 Gray, H. S., So. *a* 128 High st.  
 Gray, L. F., Libr. (LIBR.) 213 Orchard st.  
 Gray, R. P., *g* 90 High st.  
 Green, Geo., Jr. *a* 280 L.

- Green, Gervase, Ass't.* 136 Sherman av.  
*Green, I. R., Fr. s* 133 Wall st.  
*Greene, C., So. a* 574 P.  
*Greene, C. A., Sr. a* 98 N.  
*Greene, E. B., Jr. a* 250 Crown st.  
*Greene, E. C., Jr. a* 159 Elm st.  
*Greene, J. W., Sr. a* 126 N.  
*Greenhalgh, G. P., So. a* 545 P.  
*Greenleaf, J. C., Sr. s* 133 College st.  
*Greenway, J. C., Jr. a* 225 D.  
*Gregory, H. E., Instr.* 55 N. S. H.  
*Gregory, J. F., Jr. d* 31 E. D.  
*Gregory, J. L., g* 200 Grove st.  
*Gregory, W. S., Sr. s* 36 Elm st.  
*Gridley, J. S., mus.* Southington  
*Griffin, N. L., Jr. m* 3 Sylvan av.  
*Griffing, R. P., Fr. a* 1076 Chapel st.  
*Griffiths, A. L., So. a* 166 Oak st.  
*Griffiths, W. J., Spec. s* 37 Rosette st.  
*Grimm, E. E., Sr. l* 1044 Chapel st.  
*Griswold, F. P., Fr. a* 315 Crown st.  
*Griswold, M., g* A.  
*Griswold, W. E. S., Sr. a* 178 LYC.  
*Grosvenor, J. P., So. a* 151 F.  
*Groves, M., Sr. a* 22 V.  
*Gruener, G., Prof.* (276 L.)  
     522 Howard av.  
*Gruener, H. R., Ass't.* (LIBR.)  
     522 Howard av.  
*Gruner, O. H., Fr. a* 238 York st.  
*Gude, A. V., Jr. s* 293 York st.  
*Guernsey, R. G., Fr. a* 120 York st.  
*Guggenheimer, H. R., Sr. a*  
     1044 Chapel st.  
*Guilford, D., Sr. s* 86 Wall st.  
*Gurney, S., 2 m* 3 Sylvan av.  
*Guthrie, D., Fr. s* 389 Temple st.  
*Guthrie, K. O., Sr. a* 376 WH.  
*Haberlin, J. H., 1 m* 120 York st.  
*Hackett, H. H., Jr. a* 310 W.  
*Hackett, W. H., g* 143 West st.  
*Hadley, A. T., Prof.* 93 Whitney av.  
*Haesche, W. E., mus.* 246 Atwater st.  
*Haigh, A. W., Mid. l* 77 W. D.  
*Haight, F. R., So. a* 410 Winthrop av.  
*Haight, L. M., mus.* Foxon  
*Haines, W. P., Fr. a* 271 L.  
*Hale, F. E., Jr. a* 130 F.  
*Hale, P. T. W., Jr. s* 57 Prospect st.  
*Hall, Alfred B., Sr. a* 379 WH.  
*Hall, Arthur B., Fr. a* 310 Elm st.  
*Hall, A. M., Grad. d* 8 E. D.  
*Hall, C. M., Sr. s* 133 College st.  
*Hall, F. G., Jr. s* 135 College st.  
*Hall, F. J., Sr. a* 250 L.  
*Hall, G. R., Sr. s* 39 College st.  
*Hall, J. R., Fr. a* 1076 Chapel st.  
*Hall, L. B., Fr. a* 146 College st.  
*Hall, P. T., Fr. s* 391 Temple st.  
*Hall, R. E. B., So. a* 163 F.  
*Hall, T. H., Jr. s* 111 Grove st.  
*Hall, T. R., Fr. a* 97 Sherman av.  
*Hall, W. E., Jr. s* 117 Wall st.  
*Hamilton, F. W., 1 m* 292 Congress av.  
*Hamilton, H. F., g* 90 Whalley av.  
*Hamilton, W. F., So. a*  
     131 Washington st.  
*Hamlin, A. S., Sr. a* 356 WH.  
*Hamlin, C. R., Sr. d* 34 E. D.  
*Hamlin, E. F., Jr. m* 391 Crown st.  
*Hamlin, H. W., Fr. a* 330 W.  
*Hamlin, W. R., Jr. a* 422 B.  
*Hammer, J. H., f* Branford  
*Hammond, J. L., Fr. a* 217 York st.  
*Hammond, M., g* 89 Whalley av.  
*Hance, W., Fr. a* 62 Lake pl.  
*Hand, C. W. H., Ass't.*  
     (Gymn.) 158 York st.  
*Handel, F. J., Fr. a* 1151 Chapel st.  
*Hanna, H. M., Jr. s* 1 Hillhouse av.  
*Hannon, W. S., Sr. a* 157 York st.  
*Harger, J. C., Ass't.*  
     (Libr.) 14 University pl.  
*Harkness, R. B., Sr. l* 83 Elm st.  
*Harmer, J., g* A.  
*Harriman, C. H., Sr. l* 818 Chapel st.  
*Harris, E. I., g* 47 York sq.  
*Harris, F. G., So. a* 1044 Chapel st.  
*Harris, S., Prof.*  
     (1 E. D.) 144 College st.  
*Harrison, B. E., f* Wallingford  
*Harrison, Francis B., g* A.  
*Harrison, Fred'k B., Sr. s* 83 Grove st.  
*Harström, C. A., g* Norwalk  
*Hart, C. E., f* 78 Whalley av.  
*Hart, C. G., Sr., s* 107 Wall st.  
*Hart, J. B., Fr. a* 527 P.  
*Hart, J. H., g* 527 P.  
*Hartmann, W. T., Jr. s* 61 Grove st.  
*Hartshorn, W. M., 1 m* 74 Howe st.  
*Hartwell, J. B., Jr. a* 317 W.  
*Hartzell, J. C., g* 74 Lake pl.  
*Harvey, M. C., Sr. a* 378 WH.  
*Haskell, W., Sup't.* (Reading Room)  
     96 Dwight st.  
*Hastings, C. S., Prof.* (120 WINCH.)  
     248 Bradley st.  
*Hastings, W. S., Fr. a* 112 College st.  
*Hathaway, C. M., Sr. a* 105 N.

Hausberg, E., So. <i>a</i>	537 P.	Higgins, J. C., Fr. <i>a</i>	217 York st.
Havemeyer, F. C., Jr. <i>a</i>	37 v.	Higgins, O. T., Fr. <i>a</i>	250 York st.
<i>Havens, F. S., Ass't.</i> (Kent Lab.)		Higgins, W. A., Fr. <i>a</i>	205 Crown st.
	427 Temple st.	Higgins, W. M., 1 <i>m</i>	1090 Chapel st.
Hawes, E. S., <i>g</i>	254 Crown st.	Hildreth, H. F., Mid.	1343 George st.
Hawes, J. D., Sr. <i>a</i>	50 v.	Hill, D. W., Jr. <i>d</i>	38 E. D.
Hawes, M. C., <i>g</i>	254 Crown st.	Hill, E. B., Jr. <i>a</i>	10 v.
<i>Hawkes, H. E., Instr.</i>		Hill, F. H., Res. Lic. <i>d</i>	24 Foote st.
	391 Edgewood av.	Hill, R. F., Sr. <i>l</i>	129 Howe st.
Hawkins, C. J., Sr. <i>d</i>		Hilliard, J., Jr. <i>l</i>	Farmington
	101 Humphrey st.	Hilliard, W. E., Sr. <i>a</i>	59 Lake pl.
Hawkins, R. H., Jr. <i>s</i>	17 Hillhouse av.	Hills, W. B., Jr. <i>a</i>	80 s. M.
Hawley, E. R., <i>mus.</i>	Huntington	Hinckley, G. L., Jr. <i>a</i>	412 B.
Hawley, S. M., Sr. <i>a</i>	331 WH.	Hine, C. P., Jr. <i>l</i>	90 Whalley av.
Hay, C. E., Sr. <i>a</i>	388 B.	Hine, L. J., <i>mus.</i>	587 State st.
Hay, S., Fr. <i>s</i>	391 Temple st.	Hinkle, E. F., Sr. <i>a</i>	32 v.
Hayes, P. H., Jr. <i>a</i>	205 D.	Hirsh, A. M., So. <i>a</i>	1044 Chapel st.
Hayes, W. H., Jr. <i>d</i>	43 E. D.	Hitchcock, C. M., <i>g</i>	34 Hillhouse av.
Hazard, J. G., Sr. <i>s</i>	110 Wall st.	<i>Hitchcock, J. L., Ass't.</i>	120 High st.
Healy, H. W., So. <i>a</i>	111 N.	Hitner, G. W., Fr. <i>a</i>	593 P.
Heaton, H., Jr. <i>a</i>	160 F.	Hitt, W. R., So. <i>a</i>	22 College st.
Heaton, L., Fr. <i>a</i>	214 D.	Hixon, R. B., So. <i>a</i>	313 W.
Heaton, W. W., <i>g</i>	A.	Hochstadter, L. A., Jr. <i>a</i>	5 v.
Hecker, F. C., Sr. <i>a</i>	232 D.	Hodge, W. C., Sr. <i>a</i>	340 WH.
Hecker, G. E., Sr. <i>a</i>	232 D.	Hoffman, K. A. T., Mid. <i>d</i>	82 w. D.
Hedge, L. C., Jr. <i>a</i>	59 v.	Hogle, J. A., Sr. <i>s</i>	111 Grove st.
<i>Heermance, T. W., Tutor</i>	399 B.	Holbrook, M. T., Sr. <i>a</i>	113 N.
Hefferan, T. W., Jr.	343 WH.	<i>Holbrook, R. T., Tutor</i>	170 F.
Heinz, H. C., Jr. <i>a</i>	63 v.	Holbrook, S. M., <i>f</i>	1501 Chapel st.
Heller, E. W., Jr. <i>s</i>	119 Wall st.	Holden, E. K., <i>g</i>	Bridgeport
Hemenway, L. E., So. <i>a</i>	101 w. D.	Holden, F. A., <i>g</i>	Burlington
Henderson, I., Sr. <i>a</i>	110 N.	Holden, F. P., Jr. <i>s</i>	Meriden
Henderson, J. M., Sr. <i>s</i>	107 Wall st.	Holden, L. C., Fr., <i>a</i>	1151 Chapel st.
<i>Henderson, Y., Ass't.</i>	80 Sachem st.	Holland, J. A., Jr. <i>s</i>	99 Wall st.
Hendrick, C. B., <i>mus.</i>	62 Clark st.	Holland, N. C., Sr. <i>a</i>	340 WH.
Hendryx, N. W., Fr. <i>s</i>	411 Temple st.	Hollister, G. C., <i>g</i>	A.
Hengerer, L., Fr. <i>s</i>	393 Temple st.	Hollister, H. H., Sr. <i>a</i>	30 v.
Henry, B., Jr. <i>a</i>	22 College st.	Holmes, L. S., So. <i>a</i>	1044 Chapel st.
Henry, J. P., Sr. <i>a</i>	352 WH.	Holt, A. E., Jr. <i>d</i>	114 w. D.
Henze, C. W., Jr. <i>m</i>	131 West st.	Holt, L. H., Fr. <i>a</i>	583 P.
Herr, H. T., Sr. <i>s</i>	111 Grove st.	Holt, S., Sr. <i>a</i>	402 B.
Herrick, C. J., Sr. <i>a</i>	44 v.	Hooker, D. R., Sr. <i>a</i>	350 WH.
Herrick, W. W., Fr. <i>a</i>	314 Crown st.	Hooker, F. T., Jr. <i>l</i>	402 Crown st.
Hess, W. M., <i>g</i>	333 York st.	Hooker, H., <i>f</i>	90 York sq.
Hessler, H. P., 1 <i>m</i>	898 State st.	Hooker, H. S., Fr. <i>a</i>	155 Elm st.
Hetrick, H. S., So. <i>a</i>	401 B.	Hooker, R., Sr. <i>a</i>	353 WH.
Hewett, G. A., Fr. <i>a</i>	1151 Chapel st.	Hooker, W. B., Fr. <i>a</i>	476 Elm st.
Hewitt, J. J., <i>g</i>	65 Dixwell av.	Hopkins, C. S., Fr. <i>a</i>	1076 Chapel st.
Hewitt, M. C., <i>g</i>	65 Dixwell av.	<i>Hopkins, E. W., Prof.</i>	235 Bishop st.
Hewitt, T. B., Fr. <i>a</i>	162 F.	Hopkins, J. M., Jr. <i>a</i>	26 v.
Hewitt, T. D., Sr. <i>a</i>	358 WH.	<i>Hoppin, J. M., Prof.</i> (12 Art School)	
Hewitt, W. H., Sr.	165 Dixwell av.		47 Hillhouse av.
Hickey, T. F., Mid. <i>l</i>	144 Park st.	Hoppin, W. W., So. <i>a</i>	22 College st.
Hickok, C. N., Jr. <i>s</i>	131 Grove st.	Hord, J. H., So. <i>a</i>	237 D.
Higgins, G. S., 2 <i>m</i>	192 York st.	Horton, T. A., Sr. <i>a</i>	370 WH.

- Hosea, G. S., Jr. *s* 117 Wall st.  
 Hosley, R. M., Jr. *s* 20 Clark st.  
 Hosmer, P. B., Fr. *s* 407 Temple st.  
 Hosmer, R. C., Jr. *s* 106 Wall st.  
*Hotchkiss, F. E., Sup't.* (4 Phelps)  
 104 High st.  
 Hotchkiss, H. F., Fr. *s* 94 Olive st.  
 Hotchkiss, H. S., Jr. *s* 133 College st.  
 Hotze, F., Sr. *a* 147 F.  
 House, E. J., Jr. *s* 124 Wall st.  
 Housel, L. W., Jr. *l* 25 Home pl.  
 Howard, N. A., Sr. *s* 96 Wall st.  
 Howarth, H. A. S., Sr. *s* 34 Vernon st.  
 Howe, P. M., Fr. *a* 219 York st.  
 Howe, S. H., Fr. *a* 272 L.  
 Howe, W. B., So. *a* 231 D.  
 Howe, W. D., So. *a* 600 P.  
 Howell, T. A., Jr. *a* 318 w.  
 Howes, C. H., Jr. *a* 254 Crown st.  
 Howes, A. F., *f* Bridgeport  
 Hoysradt, W., So. *a* 278 L.  
 Hoyt, S. E., Sr. *l* 309 Howard av.  
 Hubbard, A. K., Fr. *s* 113 College st.  
 Hubbard, L. E., Mid. *l* 89 Bristol st.  
 Hubbard, W. B., Jr. *s* 40 Lake pl.  
 Hubbell, G. W., Jr. *a* 8 v.  
 Hubbell, H. M. Fr. *a* 12 Univ. pl.  
 Huberich, C. H., Grad. *l* 276 Elm st.  
 Huddy, X. P., Jr. *l* 53 E. D.  
 Hudson, B. T., Fr. *a* 1151 Chapel st.  
 Hudson, C. R., Grad. *d* 89 w. D.  
 Hughes, F. G., Jr. *s* Bridgeport  
 Hughes, J. J., Fr. *a* 210 Prospect st.  
 Hugo, J. G., *l m* 1245 State st.  
 Hull, G. H., Fr. *a* 242 York st.  
 Hulst, C. P., Jr. *a* 1151 Chapel st.  
 Hulst, H. T., Sr. *s* 135 College st.  
 Humbird, J. C., Fr. *s* 381 Temple st.  
 Hume, R. E., *g* 24 Home pl.  
 Humiston, H. D., Fr. *a* 208 Canner st.  
 Humphreys, F. B., Sr. *s* 133 College st.  
 Humphreys, G. W., Sr. *a* 113 N.  
 Hunker, J. B. M., Sr. *s* 99 Wall st.  
 Hunn, F. S., Sr. *s* 91 George st.  
 Hunn, H. D., *f* 48 Third st.  
 Hunt, A., *g* 83 Grove st.  
 Hunt, E. W., Fr. *s* 333 York st.  
 Hunt, H. T., Jr. *a* 227 D.  
 Hunt, L., Fr. *s* 395 Temple st.  
 Hunt, W. S., So. *a* 60 w. D.  
 Hunter, J. R., Fr. *a* 333 York st.  
 Huselton, N. R., Jr. *s* 103 Wall st.  
 Huson, W. W., *f* 57 w. D.  
 Hutchins, A. E., *Ass't.* LIBR.  
 Hutchins, G. P., Sr. *a* 228 D.  
 Hutchins, W. H., So. *a* 82 s. M.  
 Hutchinson, A. H., Sr. *a* 47 Lake pl.  
 Hutchinson, E. L. H., So. *a* 83 s. M.  
 Hutchinson, R. E., Jr. *a* 328 w.  
 Hutton, F. L., Mid. *l* 22 College st.  
 Hyatt, R. B., Fr. *a* 120 High st.  
 Hyde, A. W., Fr. *a* 551 P.  
 Hyde, W. A., Fr. *s* North Haven  
 Hynes, T. V., Jr. *m* S. Meriden  
 Hynson, M. L., *mus.* Woodmont  
 Iddings, L. L., *g* Orange  
*Ingersoll, J. W. D., Ass't. Prof.*  
 124 High st.  
 Ingham, C. S., Tutor (102 N.)  
 203 Lawrence st.  
 Ingham, H. M., *g* 117 Wall st.  
 Inman, J. H., Jr. *s* 133 College st.  
 Ireland, J. D., Jr. *s* 1 Hillhouse av.  
 Irwin, F., *g* 57 Wall st.  
 Irwin, W. P., Jr. *s* 111 Grove st.  
 Isbell, E. L., Mid. *l* 399 Whalley av.  
 Ives, E. L., Jr. *s* 117 Wall st.  
 Ives, H. C., *g* 625 George st.  
 Ives, J. M., Sr. *l* 92 w. D.  
 Ives, J. W., Jr. *m* 88 Park st.  
 Jackson, F. F. W., Fr. *a* W. Haven  
 Jackson, F. S., Sr. *l* 570 P.  
 Jackson, H. C., *Ass't.* 2 Hillhouse av.  
 Jackson, W. H., Jr. *l* 570 P.  
 James, D. L., Fr. *a* 579 P.  
 Jamieson, G. S., Fr. *s* Bridgeport  
 Jaques, L. T., Jr. *s* 113 Wall st.  
 Jaquith, C. A., Sr. *d* 90 w. D.  
 Jarvis, W. S., So. *a* 152 F.  
 Jefferson, F. W., Fr. *a* 1151 Chapel st.  
 Jeffery, J. C., Sr. *s* 96 Wall st.  
 Jenkins, H., Jr. *a* 85 s. M.  
 Jenney, H. R., Jr. *a* 334 WH.  
 Jennings, D. C., Jr. *a* 587 P.  
 Jente, W. J. E., *g* 97 Bristol st.  
 Jepsen, H. B., *Instr.* (4 TR.)  
 52 Howe st.  
 Johnson, B., Jr. *a* 305 w.  
 Johnson, B. H., Fr. *s* 59 Lake pl.  
 Johnson, C. W. L., *Instr.* 399 B.  
 Johnson, F. B., *g* A.  
 Johnson, G. A., *Ass't.* (LIBR.)  
 186 Bradley st.  
 Johnson, G. R., Fr. *s* W. Haven  
 Johnson, H. O., Jr. *a* 119 Wall st.  
 Johnson, J. A. S., Fr. *a* 539 P.  
 Johnson, N. C., Fr. *s* 79 Wall st.  
 Johnson, O. M., Jr. *a* 86 w. D.

Johnson, P. B. A., So. a	599 P.	Kellogg, L. L., So. a	58 v.
Johnson, S. W., Prof.	54 Trumbull st.	Kellogg, M., Sr. a	58 v.
Johnson, T. B., Ass't.	60 Grove st.	Kellogg, R. M., Fr. s	109 Edwards st.
Johnson, W. B., Jr. l	64 High st.	Kelly, T., Jr. s	133 College st.
Johnson, W. Savage, Jr. a	258 L.	Kelsey, E. R., Sr. l	45 William st.
Johnson, W. Smythe, g	47 Lake pl.	Kempner, D., Mid. l	151 Bradley st.
Johnson, W. Sterling, Sr. a	66 v.	Kendall, C. N., g	139 Humphrey st.
Johnston, J. H., Sr. s	109 Wall st.	Kendall, E. G., g	62 Lake pl.
Johnston, L. M., Fr. a	68 Mechanic st.	Kennedy, F., Jr. a	286 w.
Jones, A. de T., Jr. s	117 Wall st.	Kennedy, S., Jr. s	Derby
Jones, A. E., Sr. a	89 s. M.	Kennett, F. J., Jr. s	101 Wall st.
Jones, C., Jr. a	78 s. M.	Kenney, T. L., So. a	364 wh.
Jones, C. H., Fr. a	A.	Keppelman, J. A., So. a	279 L.
Jones, E. A., Fr. a	1157 Chapel st.	Kernan, G. A., Sr. a	322 w.
Jones, E. C., g	84 William st.	Kiefer, P. C., So. a	2 v.
Jones, E. L., So. a	22 College st.	Kilbourne, F. W., g	Meriden
Jones, E. O., Sr. a	298 w.	Kilburn, M., mus.	476 Elm st.
Jones, G., Mid. d	45 E. D.	Killen, A. H., So. a	366 wh.
Jones, H. M., Fr. s	157 York st.	Kimball, J. C., So. a	132 F.
Jones, H. O., Jr. l	297 Crown st.	King, F. A., Sr. a	381 wh.
Jones, L. C., Ass't.	Kent Lab'y.	King, H. W., So. a	123 N.
Jones, P., Fr. a	116 High st.	King, P. W. R., Fr. s	411 Temple st.
Jones, T. G., Jr. d	105 w. D.	Kingsman, L. C., Jr. a	373 wh.
Jordan, C. E., Sr. a	117 Park st.	Kingsbury, H. D., Sr. a	300 w.
Jordan, M. C., f	181 Whalley av.	Kingsley, R., So. a	416 B.
Jourdan, F. M., Sr. s	36 Elm st.	Kinney, F. J., Mid. l	Branford
Joy, J. W., So. a	99 N.	Kip, G. B., So. a	1076 Chapel st.
Judd, A. F., Mid. l	83 Elm st.	Kirby, R. S., g	317 Crown st.
Judd, A. W., Fr. a	224 D.	Kirtland, A. H., Sr. a	134 College st.
Judd, H. P., So. a	224 D.	Kitchel, C. L., Instr.	253 Lawrence st.
Julin, C. E., Sr. a	410 B.	Kitchel, C. P., Jr. l	27 High st.
Jump, H. A., Sr. d	44 E. D.	Kitchen, J. H., Sr. a	376 wh.
Kaime, R. D., Fr. s	419 Temple st.	Kittle, A. L., Jr. a	250 Crown st.
Kairiyama, T., g	99 Howe st.	Kline, C. M., Fr. s	413 Temple st.
Kawabe, J., Mid. d	80 w. D.	Kloss, C. F., g	62 Lake pl.
Kazanjan, K. H., g	200 Edgewood av.	Klosterman, J. H., Jr. a	235 D.
Keach, J. E., Jr. a	421 B.	Knapp, E. S., So. a	132 F.
Keane, R. B., i m	Bridgeport	Knapp, H. H., Lecturer	Bridgeport
Keane, W. C., Sr. l	121 Putnam st.	Knight, A. P., Fr. s	132 Wall st.
Kearney, R. S., Jr. l	21 Prince st.	Knight, H. S., mus.	32 Pearl st.
Keary, T., Sr. a	1076 Chapel st.	Knight, J. M., Fr. s	492 Blatchley av.
Keator, F. R., Fr. a	238 York st.	Knight, S. P., Sr. a	221 D.
Kedzie, A. S., g	495 Elm st.	Knight, W. W., Sr. s	17 Hillhouse av.
Keener, R. H., Sr. a	103 N.	Knowlton, E. B., Jr. s	111 Grove st.
Keeney, R. G., Jr. a	309 w.	Knox, H. W., Fr. a	250 York st.
Kehr, H. T., Fr. s	399 Elm st.	Knox, I. G., Jr. a	310 w.
Keller, A. G., g	270 Edgewood av.	Kodera, K., Mid. l	438 Elm st.
Kelley, W. R., Sr. a	62 v.	Kountze, W. D., Sr. a	46 v.
Kellogg, C. A., Jr. a	114 N.	Kowalewski, V. A., Sr. a	86 2d st.
Kellogg, C. W., Ass't.	233 York st.	Kraft, E. A., mus.	150 Oak st.
Kellogg, F. S., So. a	140 F.	Kraft, R. P., Sr. s	208 Orchard st.
Kellogg, G. D., Instr.	90 s. M.	Kraft, W. J., mus.	Bristol
Kellogg, J., Sr. s	119 Wall st.	Krause, E. C., 2 m	26 Ward st.
		Kreider, D. A., Instr.	(Sloane Lab.) 505 Elm st.



- Kremantz, W. M., Fr. *a* 250 York st.  
 Krikorian, H., Grad. *d* 16 Vernon st.  
 Kudo, T., *g* 73 Lake pl.  
 Kugel, S. H., Mid. *l* 92 Broad st.  
 Kumler, P., Jr. *a* 334 W.H.  
 Kunkel, B. W., Fr. *s* 389 Temple st.  
 Kunzig, P. H., Jr. *l* 333 York st.  
 Ladd, G. T., Prof. (275 L.)  
 204 Prospect st.  
 LaField, H., *g* A.  
 Lamb, R. S., Sr. *s* 36 Elm st.  
 Lanagan, W. P., Fr. *a* 119 Wall st.  
 Lancaster, M. P., Fr. *a* 237 York st.  
 Landers, C. S., Jr. *s* 126 High st.  
 Lane, H. A., 2 *m* 99 Howe st.  
 Lane, J. E., 1 *m* 130 Howe st.  
 Lane, W. R., Mid. *l* 130 Howe st.  
 Lang, H. R., Prof. (244 L.)  
 331 Temple st.  
 Langley, C., Sr. *s* 229 Blatchley av.  
 Languetel, G. H., Ass't.  
 (Art School) 725 Whitney av.  
 LaPierre, L. F., 2 *m* 404 Crown st.  
 Lark, C. T., Sr. *a* 62 Lake pl.  
 Larson, J., *g* 149 St. John st.  
 Lathrop, W. G., Res. Lic. *d*  
 North Haven  
 Lauder, G., Jr. *s* 119 Wall st.  
 Lawrence, D. B., So. *a* 172 F.  
 Lawrence, T. F., Sr. *a* 1076 Chapel st.  
 Laws, H. L., Fr. *a* 248 York st.  
 Lay, E. H., *g* A.  
 Lay, W. S., 2 *m* 560 Winthrop av.  
 Leaman, T. P., Fr. *s* 425 Temple st.  
 Lear, G., Fr. *a* 333 York st.  
 Learned, E., Sr. *a* 222 D.  
 Leary, T. A., Jr. *a* 202 D.  
 Leavell, E. S., Fr. *a* 114 High st.  
 Leavenworth, C. S., *g* 79 Howe st.  
 Leavitt, A. D., Jr. *a* 87 s. m.  
 LeBoutillier, T., Jr. *s* 131 Grove st.  
 Lee, B. H., Fr. *a* 146 Lamberton st.  
 Lee, E., So. *a* 1076 Chapel st.  
 Lee, R. R., Fr. *s* 124 Wall st.  
 Lee, T. H., Sr. *a* 70 Edgewood av.  
 Lee, W. C., Sr. *a* 236 D.  
 Leeds, A. R., Jr. *s* 117 Wall st.  
 Leffingwell, R. C., Sr. *a* 49 v.  
 Leidigh, P. J., So. *a* 547 P.  
 Leiser, A. A., Sr. *a* 370 W.H.  
 Leonard, C. P., Sr. *a* 88 s. m.  
 Leonard, F. M., Sr. *a* 1044 Chapel st.  
 Lessig, O. B., Sr. *a* 13 v.  
 Leston, M. E., *mus.* 36 Cassius st.  
 LeVally, N. W., So. *a* 177 F.  
 Leverich, H. S., Fr. *s* 90 Wall st.  
 Leverone, J. E., Jr. *l* 124 Wall st.  
 Levey, C. B., Jr. *s* 133 College st.  
 Levy, S. S., Jr. *a* 241 L.  
 Lewis, B. W., So. *a* 177 F.  
 Lewis, C. M., Ass't. Prof. 213 D.  
 Lewis, D. P., Fr. *a* 237 York st.  
 Lewis, E. C., So. *a* 139 F.  
 Lewis, E. H., Sr. *a* 56 v.  
 Lewis, E. S., Sr. *s* 96 Wall st.  
 Lewis, E. T., Sr. *a* 228 D.  
 Lewis, K. L., *mus.* 121 Park st.  
 Lewis, W. C., Fr. *s* 411 Temple st.  
 Lewisohn, W., Jr. *s* 1044 Chapel st.  
 Lincoln, G. G., Fr. *a* 159 Elm st.  
 Lincoln, R. A., Fr. *a* 566 P.  
 Lincoln, R. C., Fr. *s* 333 York st.  
 Lindenberg, F. H., Sr. *s* 119 Wall st.  
 Lindenberg, G. W., Fr. *a* 250 York st.  
 Lindenberg, O. H., Sr. *s*  
 17 Hillhouse av.  
 Lindenberger, E. H., So. *a* 2 v.  
 Lindley, A. F., 2 *m* 1161 Chapel st.  
 Lindsley, C. A., Prof. 15 Elm st.  
 Linsly, W. W., So. *a* 553 P.  
 Linthicum, P. H., So. *a* 541 P.  
 Lippincott, C. M., Jr. *d* 36 E. D.  
 Lippincott, K. D., Jr. *a* 372 W.H.  
 Littell, C. H., Jr. *s* 99 Wall st.  
 Lobdell, V. P., Jr. *a* 396 B.  
 Locke, J., Instr. 317 Crown st.  
 Lockett, O., Sr. *a* 45 v.  
 Lockman, F. I., Jr. *a* 345 W.H.  
 Lockwood, C. D., Jr. *s* 152 Grove st.  
 Lockwood, E. H., Instr. 55 Prospect st.  
 Lockwood, H. D., 2 *m* 3 Sylvan av.  
 Loeb, J. A., 2 *m* 200 Franklin st.  
 Logan, H., Jr. *a* 419 B.  
 Lombard, J. P., Jr. *a* 301 w.  
 Lombardi, M. E., Jr. *a* 287 w.  
 Londoner, H. W., Fr. *a*  
 1151 Chapel st.  
 Long, J. M., Jr. *a* 265 L.  
 Loomis, H. L., Jr. *s* 96 Wall st.  
 Loomis, J. L., So. *a* 245 L.  
 Loomis, R. P., Sr. *a* 354 W.H.  
 Lord, A. P., *g* 89 Trumbull st.  
 Lord, F. A., Jr. *l* 159 Elm st.  
 Lothrop, D. B., Jr. *d* 46 E. D.  
 Lounsbury, A. E., So. *a*  
 196 Grove st.  
 Lounsbury, B. H., Fr. *s* 110 Wall st.  
 Lounsbury, T. R., Prof. 22 Lincoln st.  
 Love, R. P., Fr. *s* 411 Temple st.

- Lovell, A. W., Sr. *a* 30 Grove st.  
 Lovell, G., Jr. *a* 266 L.  
 Lovell, G. B., So. *a* 30 Grove st.  
 Low, B. R. C., Fr. *a* 250 York st.  
 Low, E. I., Fr. *a* 250 York st.  
 Lowe, W. J., Instr. 238 Whalley av.  
 Lowrie, A. R., Sr. *a* 222 D.  
 Luce, C. F., Jr. *a* 265 L.  
 Luckner, H., Fr. *s* 15 Spruce st.  
 Ludington, A. C., Fr. *a* 64 High st.  
 Ludington, N. A., 2 *m* 238 Grand av.  
 Luquiens, F. B., Instr. 201 Bishop st.  
 Luquiens, H. M., Fr. *a* 201 Bishop st.  
 Luquiens, J., Prof. (133 F.) 201 Bishop st.  
 Luther, C. M., Fr. *s* 828 Chapel st.  
 Luther, W. B., Fr. *a* 528 P.  
 Lyman, E. W., Sr. *d* 27 E. D.  
 Lyman, H. W., Jr. *a* 384 B.  
 Lyman, J. B., Mid. *d* 79 W. D.  
 Lyman, J. L., Mid. *l* 57 Lake pl.  
 Lynch, L. A., Sr. *a* 71 W. D.  
 Lyon, G. A., Jr. *a* 334 WH.  
 Lyon, T. W., 1 *m* 120 York st.  
 Lyon, W. L., Fr. *a* 7 Library st.  
 Lyons, I. L., Jr. *s* 110 Wall st.  
 Mabee, G. J. W., Sr. *s* 96 Wall st.  
 Mabee, G. W., Fr. *s* 397 Temple st.  
 McAlarney, J. H., Fr. *a* 1076 Chapel st.  
 McAllister, C. N., *g* 33 Lake pl.  
 McAllister, F. B., Sr. *d* 104 W. D.  
 MacAnally, T. R., *g* 47 Lake pl.  
 McAuley, H. S., So. *a* 1151 Chapel st.  
 McAvoy, T. A., Fr. *a* 237 York st.  
 McBride, M. L., Jr. *a* 289 W.  
 McCabe, E. M., Ass't. 224 Orange st.  
 McCain, S. H., Mid. *l* 119 Park st.  
 McCall, J. O., So. *a* 591 P.  
 McCamic, C., Sr. *l* 3 Sylvan av.  
 McCandless, T., Jr. *a* 78 S. M.  
 McCann, W. G., Mid. *d* 110 Gilbert av.  
 McCarthy, A. J., Sr. *a* 306 W.  
 McCartin, G. S., Jr. *a* 290 W.  
 McClave, R. L., Sr. *l* 21 E. D.  
 McClure, C. T., Jr. 1057 Whalley av.  
 McClurg, O. T., Fr. *s* 110 Wall st.  
 McConnell, W. J., Sr. *l* 1044 Chapel st.  
 McConnico, S. E., Fr. *a* 384 Crown st.  
 McCord, C. C., Jr. *s* 117 Wall st.  
 McCord, D., So. *a* 537 P.  
 McCormac, E. I., *g* 47 Lake pl.  
 McCormick, J. M., Jr. *a* 79 S. M.  
 McCormick, R., Jr. *a* 54 V.  
 McCormick, R. H., Jr. *a* 382 WH.  
 McCreath, A. S., So. *a* 237 York st.  
 McCreath, L., Fr. *s* 411 Temple st.  
 McCullough, E. A., Sr. *s* 17 Hillhouse av.  
 MacCurdy, G. G., Instr. 33 Wall st.  
 McCutchen, W. M., Jr. *a* 264 L.  
 Macdonald, G. S., Fr. *s* 59 Prospect st.  
 McDonnell, R. A., Instr. 1142 Chapel st.  
 McDowell, H. G., Fr. *a* 1151 Chapel st.  
 McDowell, J. C., Fr. *a* 1151 Chapel st.  
 McFadon, R. B., So. *a* 336 George st.  
 Macfarland, C. S., Grad. *d* 23 E. D.  
 McGee, R. A., Jr. *s* 133 College st.  
 McGinley, T. A., Fr. *s* 104 Wall st.  
 McGouldrick, E. C., Jr. *a* 157 F.  
 McGouldrick, F. E., Fr. *a* 96 S. M.  
 McIntosh, E. F., Ass't. 192 York st.  
 McIntyre, J. E., Spec. *s* 56 W. D.  
 McIver, D., Mid. *d* 78 W. D.  
 McKellar, W. C., 1 *m* Bridgeport  
 McKelvey, C. W., Jr. *a* 240 D.  
 McKelvy, J. S., Fr. *a* 157 York st.  
 McKenzie, A. L., Jr. *a* 77 S. M.  
 Mackey, W. C., Jr. *a* 234 D.  
 MacLane, P. B., Mid. *l* 33 Howe st.  
 MacLean, A., Jr. *a* 253 L.  
 McLean, C., So. *a* 1076 Chapel st.  
 McMorris, W. H., Sr. *l* 119 Park st.  
 McQueen, A. S., 2 *m* 11½ Park st.  
 Maddox, K., Sr. *l* 83 Elm st.  
 Maddox, S. T., Jr. *l* 333 York st.  
 Maffitt, T. S., Sr. *a* 42 V.  
 Magee, J. M., Sr. *a* 33 V.  
 Maher, T. F., 2 *m* 133 Nash st.  
 Makepeace, F. B., So. *a* 111 N.  
 Makepeace, W. D., Jr. *l* 651 Orange st.  
 Malone, W. J., Mid. *l* 30 Hallock st.  
 Maloney, W. R., Jr. *a* 398 B.  
 Malony, F. F., 2 *m* 57 W. D.  
 Malony, W. P., Jr. *a* 57 W. D.  
 Maltbie, W. M., So. *a* 94 S. M.  
 Maltby, E. R., *f* 23 Sylvan av.  
 Mandeville, J. N., Fr. *a* 95 S. M.  
 Manierre, A. E., Fr. *a* 534 P.  
 Manierre, L., So. *a* 535 P.  
 Mann, A. S., Sr. *a* 342 WH.  
 Manship, W. S., *g* S. Meriden  
 Manville, E. B., *mus.* 379 George st.  
 Mapes, F. H., Sr. *d* 27 E. D.

- Marble, M. M., *g* 673 Elm st.  
 Marckwald, A. H., So. *a* 521 P.  
 Margosian, A. D., Sr. *m* New Britain  
 Mariani, J. W., Jr. *l* 921 Grand av.  
 Mariani, N., Grad. *m* 921 Grand av.  
 Maroney, W. J., Jr. *m* 11½ Park st.  
 Marsh, E. L., Fr. *s* 411 Temple st.  
 Marsh, O. C., Prof. (8 M.)  
 360 Prospect st.  
 Marshall, C. G., Mid. *d* 82 W. D.  
 Marshall, E. E., Sr. *s* 111 Grove st.  
 Marshall, W. C., Instr.  
 472 Orange st.  
 Marty, A. M., Sr. *a* 320 W.  
 Marty, S. C., Jr. *a* 266 L.  
 Marvin, A. B., Sr. *a* 358 WH.  
 Marvin, G. A., Jr. *l* 119 W. D.  
 Mason, E. B., Fr. *a* 250 York st.  
 Mason, F. G., So. *a* 585 P.  
 Mason, F. T., Fr. *a* 159 F.  
 Mason, H., Sr. *a* 178 LYC.  
 Mason, M., So. *a* 237 D.  
 Mason, N. H., Fr. *a* 588 P.  
 Mason, R. M., Fr. *a* 250 York st.  
 Mather, H. O., Fr. *a* 18 Ashmun st.  
 May, G. A., Instr. GYMN.  
 Mayer, A. J., Sr. *a* 13 V.  
 Maynard, A. B., Jr. *s* 1 Hillhouse av.  
 Mead, H. S., Fr. *a* 1076 Chapel st.  
 Medway, H. E., Jr. *a* 386 B.  
 Meeks, E. V., So. *a* 110 Wall st.  
 Mellen, G. K., Fr. *a* 39 College st.  
 Mendel, L. B., Ass't. Prof. (63 B. L.)  
 18 Trumbull st.  
 Menges, H. P., I *m* 54 Crown st.  
 Merrels, F. B., Jr. *a* 387 B.  
 Merriam, H. F., Jr. *s* 113 Wall st.  
 Merrill, H. A., *g* 115 York st.  
 Merrill, P. M., Fr. *a* 22 College st.  
 Merritt, A. J., Jr. *l* Bridgeport  
 Merritt, A. K., Registrar  
 (135 Elm st.) 267 L.  
 Meyer, C., Fr. *a* 58 W. D.  
 Meyer, C. C., Fr. *a* 1151 Chapel st.  
 Meyer, W. E., So. *a* 72 W. D.  
 Milbank, D., Jr. *a* 345 WH.  
 Miles, F. H., Sr. *s* 109 High st.  
 Miller, C. D., Fr. *a* 166 York st.  
 Miller, C. G., Fr. *s* 119 Wall st.  
 Miller, H., Fr. *s* 599 Elm st.  
 Miller, J. B., *g* 286 Norton st.  
 Miller, J. W., Jr. *a* 141 F.  
 Miller, M. P., Fr. *a* 261 L.  
 Miller, O. L., Sr. *s* 126 High st.  
 Miller, R. B., Jr. *a* 51 V.  
 Miller, R. H., *g* 133 Wall st.  
 Miller, W. S., Grad. *l* 865 Chapel st.  
 Mills, B., Sr. *a* 69 V.  
 Mills, J. L., So. *a* 1076 Chapel st.  
 Mills, M., Jr. *a* 39 V.  
 Minasian, M., Jr. *s* 44 Sperry st.  
 Minor, E. E., *g* 123 Columbus av.  
 Minor, W. E., Jr. *a* 79 S. M.  
 Mirick, G. A., *g* 84 Wall st.  
 Mitchell, G. H., Sr. *a* 337 WH.  
 Mitchell, L., Sr. *s* 131 Grove st.  
 Mitchell, P. L., So. *a* 22 College st.  
 Mitchell, S. K., *g* 104 Park st.  
 Mittendorf, G. S., Sr. *a* 291 W.  
 Mix, C. C., Sr. *l* 123 York st.  
 Mixter, W. G., Prof. (160 S. L.)  
 144 Edwards st.  
 Miyake, I., *g* 119 Park st.  
 Moeller, C., mus. 349 Crown st.  
 Mohr, P. M., So. *a* 138 F.  
 Montague, N. T., Sr. *a* 319 WH.  
 Montague, T. L., Jr. *s* 96 Wall st.  
 Montgomery, G. R., Mid. *d* 75 W. D.  
 Montgomery, H. L., Registrar  
 (11 Law School) 284 Crown st.  
 Montgomery, P., Grad. *l*  
 221 Whitney av.  
 Moody, P. D., So. *a* 282 L.  
 Moody, R. O., Ass't. 1204 Chapel st.  
 Moody, W., Jr. *a* 212 D.  
 Moor, D. Y., Sr. *d* 17 E. D.  
 Moore, B., Prof. 1079 Chapel st.  
 Moore, B. B., Sr. *a* 303 W.  
 Moore, C. A., Fr. *a* 248 York st.  
 Moore, E. C., Sr. *a* 306 W.  
 Moore, H., Jr. *a* 12 V.  
 Moore, J. D., I *m* 223 Grand av.  
 Moore, J. L., Jr. *a* 398 B.  
 Moore, M., Fr. *a* 1151 Chapel st.  
 Moorhead, R. W., Fr. *a* 261 L.  
 Moré, J. O., Grad. *l* 65 W. D.  
 Morey, J. H., Sr. *a* 340 WH.  
 Morey, J. W., Jr. *s* 1 Hillhouse av.  
 Morgan, E. L., *f* Seymour  
 Morgan, H. M., Sr. *a* 295 W.  
 Morgan, J., Fr. *a* 132 Wall st.  
 Morgan, R. R., *g* 26 Howe st.  
 Morgan, W. C., Ass't. Kent Lab'y.  
 Morgan, W. G. D., So. *a*  
 1076 Chapel st.  
 Morison, B., Fr. *a* 9 Library st.  
 Morley, F. H., Sr. *a* 40 V.  
 Morrell, J. G. D., Jr. *s* 22 College st.  
 Morrill, A. B., *g* 459 Orange st.  
 Morrill, J. P., 2 *m* 121 York st.

<i>Morris, E. P., Prof.</i>	53 Edgehill Road	<i>Nicoll, M. E., mus.</i>	86 Broadway
<i>Morris, H. E., Fr. a</i>	408 Crown st.	<i>Niedecken, J. H., Jr. a</i>	220 D.
<i>Morris, R., So. a</i>	536 P.	<i>Niemeyer, J. H., Prof.</i>	(8 Art School) 284 Orange st.
<i>Morris, R. C., Instr.</i>	N. Y. City	<i>Nims, H. E., Jr. l</i>	108 Dixwell av.
<i>Morrison, H., Sr. s</i>	332 Temple st.	<i>Nims, W. E., Jr. a</i>	108 Dixwell av.
<i>Morse, A. W., Sr. s</i>	104 Wall st.	<i>Nisbet, R. B., Fr. a</i>	24 Home pl.
<i>Morse, O. C., g</i>	1079 Chapel st.	<i>Noble, E. T., Sr. a</i>	64 v.
<i>Morse, W., Sr. d</i>	2 E. D.	<i>Nolan, F. P., Jr. s</i>	Mt. Carmel
<i>Morton, S. B., Jr. a</i>	114 N.	<i>Noone, T. F., Sr. l</i>	1044 Chapel st.
<i>Moser, O. A., i m</i>	33 Clinton av.	<i>Norman, E. G., Fr. a</i>	373 Crown st.
<i>Moses, H. B., Sr. s</i>	107 Wall st.	<i>Norman, H. R., Sr. a</i>	88 s. M.
<i>Moses, H. L., Jr. a</i>	241 L.	<i>North, H. A., Sr. s</i>	104 Wall st.
<i>Moss, B. C., Fr. s</i>	285 York st.	<i>North, H. B., Fr. s</i>	1399 Chapel st.
<i>Mott, R., So. a</i>	138 F.	<i>Northrop, F. E., Sr. l</i>	10 Pearl st.
<i>Moul, H. S., Jr. l</i>	163 York st.	<i>Northrup, S. P., Sr. l</i>	161 York st.
<i>Moulthrop, C. E., mus.</i>	W. Haven	<i>Norton, B. V., Jr. s</i>	131 Grove st.
<i>Moulton, E. S., Ass't.</i>	252 York st.	<i>Norton, E. S., f</i>	Wallingford
<i>Moulton, W. J., Ass't.</i>	22 E. D.	<i>Norton, J. P., Sr. a</i>	248 L.
<i>Müller, R. O., Jr. a</i>	174 F.	<i>Norton, J. T., Ass't. (Kent Lab'y.)</i>	90 Whalley av.
<i>Mulford, T. W., So. a</i>	547 P.	<i>Norton, R. C., Fr. a</i>	569 P.
<i>Mullally, W. F., Fr. a</i>	261 Crown st.	<i>Noyes, D. C., So. a</i>	573 P.
<i>Mullen, G. A., Jr. l</i>	1151 Chapel st.	<i>Noyes, G. W., Fr. a</i>	544 P.
<i>Munger, R. L., Mid. l</i>	Ansonia	<i>Noyes, W., Sr. a</i>	249 L.
<i>Munsell, E. A., i m</i>	178 Quinpiac st.	<i>Nugent, E. T., Spec. s</i>	111 Grove st.
<i>Munson, C. L., Lect.</i>	Williamsport, Pa.	<i>Oakley, L. C., Sr. l</i>	103 Park st.
<i>Murphy, G. G., Fr. a</i>	65 w. D.	<i>O'Brien, T. A., Sr. s</i>	230 Oak st.
<i>Murphy, H. K., Sr. a</i>	85 Sachem st.	<i>O'Callaghan, J. F., Fr. a</i>	316 Crown st.
<i>Murphy, J. K., g</i>	85 Sachem st.	<i>O'Connell, T. G., Sr. m</i>	W. Haven
<i>Murray, A., Prof.</i>	A.	<i>Oertel, H., Ass't. Prof. (2 Phelps)</i>	137 College st.
<i>Murray, G. H., Jr. s</i>	54 Garden st.	<i>O'Fallon, H. L., Sr. a</i>	24 v.
<i>Murray, H. H., g</i>	A.	<i>Ogilvie, J. S., Fr. s</i>	409 Temple st.
<i>Murray, W. L., 2 m</i>	321 Cedar st.	<i>Oglebay, C., Jr. a</i>	383 B.
<i>Mursick, W. W., Sr. s</i>	119 Wall st.	<i>Oille, J. D., Fr. s</i>	74 Lake pl.
<i>Myers, I. T., g</i>	47 York st.	<i>O'Keefe, W., Grad. l</i>	102 Orange st.
<i>Myers, L. P., Fr. s</i>	110 Wall st.	<i>Olcott, H. P., So. a</i>	140 F.
<i>Mygatt, A. B., Fr. s</i>	91 Park st.	<i>Olds, A. W., Sr. s</i>	77 Wall st.
<i>Nash, F., Jr. a</i>	371 WH.	<i>Oliver, G. S., Sr. a</i>	346 WH.
<i>Nead, B. F., Jr. l</i>	137 Dwight st.	<i>Olmsted, G. K., Ass't.</i>	26 Lynwood st.
<i>Neal, H. C., So. a</i>	22 College st.	<i>Olmstead, N., f</i>	Branford
<i>Neece, J. H., Jr. l</i>	137 Dwight st.	<i>O'Loughlin, C. S., Sr. a</i>	9 v.
<i>Neergaard, W. B., Sr. a</i>	405 B.	<i>Olsen, J., g</i>	218 Mansfield st.
<i>Nelson, W. H., Jr. a</i>	73 s. M.	<i>O'Meara, E. P., Sr. l</i>	21 Daggett st.
<i>Nettleton, G. H., Instr.</i>	57 Wall st.	<i>Omwake, G. L., Jr. d</i>	37 E. D.
<i>Neville, W. B., Sr. a</i>	105 N.	<i>Ong, E. W., Jr. a</i>	385 B.
<i>Nevins, F. W., Fr. a</i>	226 York st.	<i>Opitz, H. M., Jr. a</i>	76 s. M.
<i>Nevins, R. H., So. a</i>	226 York st.	<i>Ordway, C. E., Jr. a</i>	211 D.
<i>Newcomb, C. S., Fr. s</i>	419 Temple st.	<i>Orwig, E. L., Fr. a</i>	242 York st.
<i>Newcombe, A. C., Sr. s</i>	135 College st.	<i>Osborn, H. M., Bursar (1 Phelps)</i>	406 Orange st.
<i>Newell, D. H., Fr. a</i>	384 Crown st.	<i>Osborn, H. S., So. a</i>	600 P.
<i>Newmyer, T. D., Jr. a</i>	597 P.	<i>Osborn, L. E., Clerk</i>	(3 s. H.)
<i>Newport, R. M., So. a</i>	22 College st.		406 Orange st.
<i>Nichol, A., Fr. a</i>	238 York st.		
<i>Nichols, H. J., Sr. a</i>	248 L.		
<i>Nichols, W. W., Instr.</i>	83 Pearl st.		
<i>Nicol, J. M., Mid. d</i>	93 w. D.		

- Osborne, O. T., Prof.* 252 York st.  
*Osgood, A. J., Sr. s* 747 George st.  
*Osgood, C. G., Ass't.* 130 Howe st.  
*Otis, H. G., Sr. a* 65 v.  
*Otis, W. L., Jr. a* 263 L.  
*Overlander, R. M., g* 69 Church st.  
*Packard, L. B., Sr. a* 360 wh.  
*Packer, A. D., So. a* 223 D.  
*Paddock, B. W., Jr. a* 326 w.  
*Padelford, F. M., g* 139 Dwight st.  
*Page, C. A., mus.* E. Haven  
*Page, C. R., Jr. a* 383 B.  
*Page, W. S., Jr. a* 400 B.  
*Pagter, J. J., i m* 47 Prince st.  
*Pallman, A. O., Sr.* 1404 Winthrop av.  
*Palmer, A. H., Prof.* (117 N.) 251 Lawrence st.  
*Palmer, A. R., So. a* 1151 Chapel st.  
*Palmer, C. K., Sr. s* 111 Grove st.  
*Palmer, D. C., Jr. a* 226 D.  
*Palmer, E. A., So. a* 170 York st.  
*Palmer, E. H., g* 58 Park st.  
*Palmer, H., Sr. a* 316 w.  
*Palmer, J. C., Sr. a* 17 v.  
*Palmer, R. S., Jr. a* 390 B.  
*Park, E. A., Jr. a* 250 Crown st.  
*Parker, C. J., Jr. s* 99 Wall st.  
*Parker, H. W., Prof.* (3 TR.) 162 Prospect st.  
*Parker, J. A., So. a* 1151 Chapel st.  
*Parker, M. K., So. a* 135 F.  
*Parker, W. H., Instr.* 648 Elm st.  
*Parks, F. R., Sr. a* 34 v.  
*Parks, R., Fr. s* 409 Temple st.  
*Parmelee, E. S., Sr. a* 294 w.  
*Parshall, M. C., Jr. s* 99 Wall st.  
*Parsons, H., g* A.  
*Parsons, J. G., Jr. s* 96 Wall st.  
*Parsons, R. W., So. a* 1076 Chapel st.  
*Patterson, J. M., So. a* 22 College st.  
*Patterson, R. M., Jr. a* 257 L.  
*Payne, J. K., Jr. l* 163 York st.  
*Payne, P. D., Fr. s* 389 Temple st.  
*Payton, J. W., Jr. a* 1016 Chapel st.  
*Peabody, H. E., Grad. d* 506 Howard av.  
*Pearce, C. G., So. a* 292 w.  
*Pearce, G. H., Mid. l* 276 Elm st.  
*Pearce, H., Fr. s* 110 Wall st.  
*Peck, C. C., Jr. l* Bridgeport  
*Peck, C. K., Fr. s* 391 Temple st.  
*Peck, L. A., Jr. a* 86 s. M.  
*Peck, R. C., Jr. a* 158 F.  
*Peck, R. E., Instr.* 486 Elm st.  
*Peck, T., Prof.* A.  
*Peck, W. S., Sr. a* 296 w.  
*Peirce, A. G., Fr. a* 21 Lynwood st.  
*Peirce, L. M., g* Springfield  
*Peirce, P. S., g* 22 Whalley av.  
*Pelton, V., f* Middletown  
*Pendleton, C. E., 2 m* 1098 Chapel st.  
*Pendleton, F. D., Jr. a* 73 s. M.  
*Penfield, S. L., Prof.* (2 M.) 46 Mansfield st.  
*Penny, W. A., So. a* 1044 Chapel st.  
*Pennywitt, D. P., Mid. l* 215 Orange st.  
*Perkins, F. E., Fr. s* 389 Temple st.  
*Perkins, G. W., Fr. s* 409 Temple st.  
*Perrin, B., Prof.* (136 F.) 463 Whitney av.  
*Perry, A. S., Mid. l* Southport  
*Perry, J. W., Fr. s* 393 Temple st.  
*Perry, O. H., Sr. s* 99 Wall st.  
*Perry, W. H., So. a* 75 Broadway  
*Peter, J. J., Fr. s* 110 Wall st.  
*Peters, C. A., g* 74 Lake pl.  
*Peters, H. A., Fr. a* 165 York st.  
*Peters, J. D., Jr. a* 235 D.  
*Peterson, S., Grad. l* 55 Prospect st.  
*Phelps, B. J., Fr. a* 18 Ashmun st.  
*Phelps, C. A., So. a* 120 High st.  
*Phelps, C. D., Ass't.* 472 Orange st.  
*Phelps, C. S., Fr. s* 299 York st.  
*Phelps, E. J., Prof.* 269 Humphrey st.  
*Phelps, I. K., Ass't.* (Kent Lab'y.) 130 Howe st.  
*Phelps, W. L., Ass't. Prof.* (70 s. M.) 44 High st.  
*Phillips, A. W., Prof.* (90 High st.) 209 York st.  
*Phillips, F. E., i m* 130 Howe st.  
*Phillips, I. G., Fr. a* 130 Howe st.  
*Phillips, J. C., Jr. a* 335 wh.  
*Phinney, L. G. E., mus.* 313 York st.  
*Phipps, F. H., Fr. s* 126 Wall st.  
*Pickands, J. M., Fr. a* 569 P.  
*Pickett, C. E., Grad. l* 682 Whitney av.  
*Pickett, E. S., Sr. a* 140 Sylvan av.  
*Pickett, J. C., Jr. a* 86 s. M.  
*Pidgeon, E. R., Jr. a* 314 Crown st.  
*Pierce, H. W., Fr. a* 310 Elm st.  
*Pierpont, J., Prof.* 357 Howard av.  
*Pierson, C. W., Instr.* N. Y. City  
*Pike, R. A., Fr. s* 783 Orange st.  
*Pike, W. K., g* A.  
*Piper, C. E., Jr. d* 111 w. D.  
*Pirsson, L. V., Prof.* (2 M.) 137 Wall st.

Pitkin, W. R., Mid. <i>l</i>	82 Wall st.	Reed, L. T., Sr. <i>d</i>	55 w. d.
Pittinger, H. H., Jr. <i>s</i>	96 Wall st.	Reid, A. S., <i>g</i>	112 Olive st.
Pitts, H. C., Jr. <i>m</i>	91 w. d.	Reid, G. H., Fr. <i>s</i>	137 Wall st.
Platt, A. E., <i>f</i>	W. Haven	Reid, J., Sr. <i>a</i>	67 v.
Platt, H., Sr. <i>a</i>	297 w.	Reilly, F. H., <i>Ass't.</i>	312 Columbus av.
Platt, O. W., Sr. <i>a</i>	101 N.	Renshaw, F. W., Fr. <i>s</i>	111 Grove st.
Pond, L. B., Fr. <i>a</i>	142 F.	Resor, S. B., So. <i>a</i>	404 B.
Pond, M. A., <i>Ass't.</i>	57 Grove st.	Reynolds, D., Fr. <i>a</i>	576 P.
Porter, F. C., Prof. (11 E. D.)	266 Bradley st.	Reynolds, G. V., So. <i>a</i>	22 College st.
Porter, J. S., Sr. <i>a</i>	293 w.	Reynolds, H. M., Prof.	38 v.
Porter, M., <i>mus.</i>	1335 Chapel st.	Reynolds, H. S., Fr. <i>a</i>	270 Crown st.
Porter, W. E., Spec. <i>s</i>	103 Wall st.	Reynolds, M. J., <i>f</i>	163 Fillmore st.
Potter, A. M., Fr. <i>a</i>	119 Wall st.	Rhoda, G. I., Fr. <i>a</i>	359 wh.
Potter, C., So. <i>a</i>	131 F.	Rhodes, F. R., Sr. <i>a</i>	391 B.
Potter, P. S., Sr. <i>a</i>	338 wh.	Rice, C. B., <i>Ass't.</i>	56 N. S. H.
Potter, R., Fr. <i>a</i>	271 L.	Rice, E. C., So. <i>a</i>	1076 Chapel st.
Potwin, T. D., Fr. <i>a</i>	365 wh.	Rice, J. P., Jr. <i>a</i>	408 B.
Powell, F. E., Fr. <i>s</i>	409 Temple st.	Rice, M. W., Fr. <i>s</i>	397 Temple st.
Powell, J. R., <i>g</i>	121 York st.	Richards, A. E., <i>g</i>	90 Whalley av.
Powers, C. A., Sr. <i>a</i>	36 v.	Richards, A. N., <i>g</i>	62 Lake pl.
Poynter, H. M., Jr. <i>a</i>	68 w. d.	Richards, C. B., Prof.	(111 WINCH.) 137 Edwards st.
Pratt, A., <i>g</i>	Bridgeport	Richards, E. L., Prof. (118 N.)	315 York st.
Prentice, S. O., Instr.	Hartford	Richards, H., Jr. <i>s</i>	111 Grove st.
Preston, H. L., Jr. <i>s</i>	152 Grove st.	Richards, I., Jr. <i>s</i>	111 Grove st.
Preston, O., Sr. <i>a</i>	178 LYC.	Richardson, A. H., So. <i>a</i>	Dwight Hall
Price, H. O., Jr. <i>a</i>	68 w. d.	Richardson, E. G., <i>g</i>	Wallingford
Prince, W. F., <i>g</i>	296 Columbus av.	Richardson, M. B., Fr. <i>a</i>	1076 Chapel st.
Pritchard, R., Fr. <i>a</i>	259 L.	Richardson, M. H., Fr. <i>s</i>	110 Wall st.
Pritchard, W. S., So. <i>a</i>	259 L.	Richardson, O. H., <i>Ass't. Prof.</i>	384 Whitney av.
Pullman J., Sr. <i>m</i>	Bridgeport	Richardson, R. R., So. <i>a</i>	255 L.
Pulman, O. S., Jr. <i>a</i>	371 wh.	Ricker, W. G., Jr. <i>a</i>	153 F.
Punderford, J. C., Fr., <i>s</i>	131 Sherman av.	Riggs, P. S., Jr. <i>a</i>	72 S. M.
Purinton, C. O., Jr. <i>m</i>	1142 Chapel st.	Rile, W. B., Sr. <i>a</i>	236 D.
Quackenbush, L. S., Sr. <i>s</i>	332 Temple st.	Riley, K. P., <i>f</i>	83 Grove st.
Quinby, A. A., Fr. <i>a</i>	159 Elm st.	Rising, H. R., Spec. <i>s</i>	149 College st.
Quinby, F. L., Fr. <i>s</i>	391 Temple st.	Risley, E. H., Fr. <i>a</i>	146 College st.
Quinn, E., <i>mus.</i>	35 Lynwood st.	Rithet, J. A., Fr. <i>s</i>	1151 Chapel st.
Quinn, J. F., Jr. <i>m</i>	14 Anderson st.	Robbins, E. D., Lecturer	Hartford
Rall, H. F., Grad. <i>d</i>	Berlin	Robbins, F. O., Instr.	227 Sherman av.
Ralph, P. H., Jr. <i>d</i>	41 E. D.	Robbins, H. C., Sr. <i>a</i>	375 wh.
Ramsden, C. T., <i>g</i>	A.	Robbins, H. M., Fr. <i>a</i>	248 York st.
Rand, L. B., Fr. <i>a</i>	250 York st.	Robbins, J. L., Fr. <i>a</i>	158 F.
Raney, A. J., Sr. <i>l</i>	1044 Chapel st.	Roberts, C. A., Fr. <i>a</i>	41 High st.
Rastall, E. S., Sr. <i>a</i>	107 N.	Roberts, H. N., Sr. <i>l</i>	73 Lake pl.
Rawlins, W. T., Jr. <i>l</i>	64 High st.	Roberts, N. R., Fr. <i>s</i>	332 Temple st.
Ray, J. A., Sr. <i>a</i>	120 N.	Roberts, W. F., Fr. <i>a</i>	1076 Chapel st.
Ray, O., Sr. <i>a</i>	311 w.	Roberts, W. S., Sr. <i>a</i>	A.
Raymond, F. A., <i>g</i>	196 Grove st.	Robertson, F. A., Jr. <i>l</i>	68 Mechanic st.
Read, H. H., Fr. <i>s</i>	90 Wall st.	Robertson, F. M. C., So. <i>a</i>	139 F.
Reed, E. B., Tutor	351 wh.	Robertson, R. B., Jr. <i>a</i>	369 wh.
Reed, J., Spec. <i>s</i>	110 Wall st.		
Reed, K. C., Fr. <i>a</i>	1151 Chapel st.		

- Robertson, T. M., So. *a* 135 F.  
 Robinson, C. P., Jr. *a* 367 W.H.  
 Robinson, E. B., Sr. *d* 103 W. D.  
 Robinson, E. L., *g* A.  
 Robinson, E. S., *g* 183 Lawrence st.  
 Robinson, E. W., Sr. *a* Meriden  
*Robinson, H. C., Lecturer* Hartford  
 Robinson, J. F. C., *g* 94 Lake pl.  
*Robinson, J. J., Instr.* (9 Phelps)  
 183 Lawrence st.  
 Robinson, M. H., *g*  
 525 Winthrop av.  
 Rockefeller, P. A., Jr. *a*  
 22 College st.  
 Rockwell, E. A., *g* 281 Crown st.  
 Rogers, C. E., So. *a* 106 W. D.  
 Rogers, E. D., *f* 67 Lafayette st.  
 Rogers, H. A., Fr. *a* 75 Broadway  
 Rogers, H. P., Fr. *a* 324 W.  
 Rogers, R. E., So. *a* 1151 Chapel st.  
 Rogerson, M. C., *f* 153 Blatchley av.  
 Rood, W. H., Sr. *a* 104 N.  
 Rooney, J. F., 1 *m* 27 Sylvan av.  
 Root, B. F., Mid. *d* Bridgeport  
 Root, E. C., Jr. *a* 127 N.  
 Root, R. K., *g* 58 Grove st.  
 Roraback, A. E., Fr. *a* 35 College st.  
 Rosenberg, S. C., Jr. *a* 103 Bishop st.  
 Rosenbluth, L. M., Fr. *s*  
 101 William st.  
 Rosenfeld, A. H., Jr. *a* 575 P.  
 Rosenthal, S., *mus.* Hartford  
 Ross, R. H., Spec. *l* Bridgeport  
 Ross, W. C., Jr. *s* 99 Wall st.  
 Rourke, G. W., Mid. *l* Meriden  
 Rowland, H. C., Sr. *m* 126 High st.  
 Rowland, J. M., Jr. *s* 1161 Chapel st.  
*Rowland, W. E., Clerk*  
 (5 TR.) 212 Orchard st.  
 Rubsamen, F. R., Fr. *s* 110 Wall st.  
 Rudd, C. E., Fr. *s* 128 High st.  
 Ruggles, F. A., Jr. *s* 22 College st.  
 Rumsey, B. C., Fr. *a* 237 York st.  
 Rungee, E. J., Jr. *s* 5½ Redfield st.  
 Runk, L. B., *g* A.  
 Runyon, W. N., *g* A.  
 Rusher, J. D., Jr. *l*  
 Russ, C. C., Fr. *a* 538 P.  
 Russ, H. C., Fr. *a* 538 P.  
 Russ, H. W., Jr. *s* 36 Elm st.  
 Russell, C. T., Sr. *l* Haddam  
 Russell, F. H., Jr. *a* 148 F.  
 Russell, R., Jr. *a* 8 v.  
*Russell, Talcott H., Instr.*  
 (42 Church st.) 213 Wooster st.  
*Russell, Thomas H., Prof.* 137 Elm st.  
 Russell, T. W., So. *a* 585 P.  
 Rutherford, A. H., Jr. *s* 111 Groves st.  
 Ryan, F. R., So. *a* 46 Lafayette st.  
 Ryan, R., Fr. *a* 82 Spring st.  
 Ryan, T. F., Grad. *l* Torrington  
 Ryerson, J. T., Fr. *s* 110 Wall st.  
 Ryle, J. F., 1 *m* 19 Sylvan av.  
 Ryno, C. M., 2 *m* 121 York st.  
*St. John, S. B., Lecturer* Hartford  
 Sakata, T., *g* 99 Howe st.  
 Samson, C. F., Fr. *a* 250 York st.  
*Sanders, F. K., Prof.* 77 Mansfield st.  
 Sanders, H. G., Jr. *a* 192 York st.  
 Sanders, W. M., Sr. *s* 111 Grove st.  
 Sands, E. deN., Sr. *s* 133 College st.  
 Sanford, C. A., Fr. *a* 159 York st.  
*Sanford, L. C., Ass't.* 216 Crown st.  
*Sanford, S. S., Prof.*  
 (38 College st.) Bridgeport  
 Sanford, W. E., Fr. *s* 54 Chambers st.  
 Sanford, W. S., Jr. *a* 407 B.  
 Sargent, C. E., *g* 187 Lawrence st.  
 Satterlee, H., Fr. *a* 248 York st.  
 Saulles, C. A. H. de, Sr. *s*  
 131 Grove st.  
 Saulles, J. L. de, Fr. *s* 419 Temple st.  
 Saunders, E. N., Sr. *s* 332 Temple st.  
 Savage, E. T., Fr. *s* 133 College st.  
 Sawyer, P. A., *f* 167 Crown st.  
 Sawyer, S. W., Sr. *a* 3 v.  
 Saxton, E. R., Fr. *s* 132 Wall st.  
 Scanlan, J. J., Fr. *a* 40 Gregory st.  
 Schell, O. H., Jr. *s* 113 Wall st.  
 Schenck, P. D., Jr. *s* 117 Wall st.  
 Schermerhorn, J. L., Fr. *s*  
 166 Davenport av.  
 Schley, C. B., Jr. *s* 22 College st.  
 Schmitt, F. M., *f* 50 Middletown av.  
 Schneelock, R. H., 1 *m* 294 Elm st.  
 Schoyer, W. E., Jr. *a* 226 D.  
 Schultz, C. F. F., So. *a* 361 W.H.  
 Schutte, L. H., Sr. *a* 121 York st.  
 Schwab, G., Fr. *a* 91 Park st.  
*Schwab, J. C., Ass't. Prof.*  
 310 Prospect st.  
 Schwarz, E. H., Fr. *s* 135 College st.  
 Schweppe, R. J., Jr. *a* 220 D.  
 Schwill, J. O., Fr. *s* 1076 Chapel st.  
 Scofield, F. H., 2 *m* 3 Sylvan av.  
 Scott, W. P., So. *a* 22 College st.  
 Scoville, H., So. *a* 57 v.  
*Scripture, E. W., Instr.*  
 (109 Elm st.) 681 Orange st.  
 Scudder, M., Sr. *a* 27 v.

- Scudder, M. T., *g* 156 Humphrey st.  
 Seabury, W. B., Jr. *a* 277 L.  
 Sears, P. R., Sr. *s* 1044 Chapel st.  
*Seaver, J. W., Director* (GYMN.)  
 25 Lynwood st.  
 Seeley, F. E., Sr. *s* 99 Wall st.  
 Segelbaum, H. A., Sr. *l*  
 1044 Chapel st.  
 Selin, W. E. *g* 63 W. D.  
 Sellers, G. H., Fr. *a* 129 Howe st.  
 Sellow, G. T., *Instr.* 5 Lake pl.  
 Senger, W., 2 *m* 381 Crown st.  
 Senger, W. C., Jr. *a* 153 F.  
 Sentelle, M. E., *g* 73 Lake pl.  
 Serles, F. R., So. *a* 149 F.  
 Setchell, H. E., *g* 216 English st.  
 Seward, H. F., Jr. *s* 132 Bristol st.  
 Seward, M. B., Spec. *s* W. Haven  
 Seydel, A. E., 1 *m* 54 Franklin st.  
 Seymour, E. D., *f* 34 Hillhouse av.  
 Seymour, J. B., Sr. *a* 119 N.  
*Seymour, T. D., Prof.* (22 Phelps)  
 34 Hillhouse av.  
 Seymour, W. E., Jr. *a* 221 D.  
 Shaffer, H., Jr. *a* 129 Howe st.  
 Sharp, G. M., *Lecturer* Baltimore  
 Sharpe, A. H., 1 *m* 141 Dwight st.  
 Shattuck, C. W., Mid. *l*  
 137½ Congress av.  
 Shattuck, S. F., Sr. *s* 111 Grove st.  
 Shaw, H., Sr. *a* 409 B.  
 Shaw, H. P., So. *a* 401 B.  
 Sheedy, G. F., Sr. *s* 122 Wall st.  
 Sheehan, F. W., Jr. *l* W. Haven  
 Shelby, G. C., Jr. *a* 263 L.  
 Sheldon, F. M., Jr. *d* 155 St. John st.  
 Shepard, C. H., Fr. *s* 121 York st.  
 Shepard, H. H., Sr. *l*  
 159 Blatchley av.  
*Shepard, W. K., Ass't.* 48 N. S. H.  
 Shepherd, G. M., Jr. *a* 237 York st.  
 Sheridan, S. S., *g* 519 Orange st.  
 Sherman, A. L., Jr. *a* 72 S. M.  
 Sherman, C. P., Grad. *l*  
 38 Chestnut st.  
 Sherman, E. W., Sr. *l* 1044 Chapel st.  
 Sherman, H. S., Fr. *a* 561 F.  
 Sherrill, W. H., Jr. *a* 104 D.  
 Sherwood, F. A., Fr. *s* 120 College st.  
 Sherwood, H. R., Sr. *l*  
 1044 Chapel st.  
 Sherwood, O. T., *mus.* Southport  
 Shipman, H. R., Sr. *a* 258 L.  
*Shipman, N., Lecturer* Hartford  
 Shippen, C. S., Sr. *a* 1016 Chapel st.  
 Shirasu, C., *g* 1494 Chapel st.  
 Shirk, C. H., Res. Lic. *d* 28 E. D.  
 Shoemaker, E. E., *g*  
 215 Edgewood av.  
 Shoemaker, R. M., Jr. *s* 103 Wall st.  
 Shoninger, L. S., Jr. *s* 385 Orange st.  
 Sidenberg, W. R., Fr. *a* 238 York st.  
 Sikes, F. V., Jr. *a* 422 B.  
 Sikes, O. L., Fr. *s* 119 Park st.  
 Silverman, J. L., So. *a* 149 F.  
 Silverman, M., Fr. *s* 143 College st.  
 Simmons, F. E., Sr. *a* 107 N.  
 Simmons, G. W., Jr. *a* 22 College st.  
 Simonds, R. M., Fr. *a* 133 Wall st.  
 Simpson, E. C., Sr. *l* 1044 Chapel st.  
 Sincerbeaux, F. H., Fr. *a* 418 B.  
 Skidmore, L. P., *f* Bridgeport  
 Skiff, N. M., So. *a* 57 W. D.  
 Skinner, D. N., 1 *m* 120 York st.  
 Skinner, E. L., Fr. *a* 567 P.  
 Skinner, E. N., Jr. *s* 117 Wall st.  
 Skinner, G. W., Mid. *l* 22 College st.  
 Sladen, F. J., Fr. *a* 580 P.  
 Sloan, W. W., Fr. *s* 22 College st.  
 Slocovich, W. P., Jr. *l* 90 Wall st.  
 Smiley, E. P., Sr. *a* 338 W. H.  
 Smith, A. A., Fr. *a* 242 York st.  
 Smith, A. C., Sr. *a* 48 V.  
 Smith, A. E., Fr. *s* 64 Whalley av.  
 Smith, B. C., Sr. *a* 108 N.  
 Smith, B. M., Fr. *s* 111 Grove st.  
*Smith, C. H., Prof.*  
 (243 L.) 284 Orange st.  
 Smith, C. W., Fr. *a* 142 F.  
 Smith, Daniel S., Fr. *s* 311 York st.  
 Smith, David S., Jr. *a* 10 V.  
 Smith, E. D., Sr. *m* 123 York st.  
 Smith, E. J., Jr. *s* North Haven  
 Smith, E. L., Sr. *l* 71 W. D.  
 Smith, E. S., Sr. *a* 108 N.  
 Smith, E. W., So. *a* 15 E. D.  
*Smith, G. A., Lecturer* Glasgow  
 Smith, G. Hall, Sr. *s* 1044 Chapel st.  
 Smith, G. Henry, Sr. *a* 247 L.  
 Smith, G. K., Fr. *a* 1076 Chapel st.  
 Smith, G. M., So. *a* 176 F.  
 Smith, G. V., Sr. *l* 1044 Chapel st.  
 Smith, H. A., *g* 4 Mansfield st.  
*Smith, H. E., Prof.*  
 (25 Med. School) 430 George st.  
 Smith, H. P., Jr. *a* 155 F.  
 Smith, H. R., Jr. *a* 264 L.  
 Smith, H. W., Fr. *a* North Haven  
*Smith, J. S., Libr'n.* (LIBR.)  
 257 St. Ronan st.



- Smith, K., Fr. *a* 1076 Chapel st.  
 Smith, M. G., *f* North Haven  
 Smith, P. F., *Ass't. Prof.* 118 Humphrey st.  
 Smith, P. L., Fr. *s* 74 Lake pl.  
 Smith, R. E., Sr. *s* 251 Crown st.  
 Smith, S. A., Sr. *a* 68 v.  
 Smith, S. B., *mus.* 273 Orchard st.  
 Smith, S. I., *Prof.* (78 B. L.) 147 Whalley av.  
 Smith, S. L., Fr. *a* 1076 Chapel st.  
 Smith, W. B., Sr. *a* 68 v.  
 Smyth, F. R., Sr. *l* 64 High st.  
 Smyth, N. A., Jr. *l* 328 Temple st.  
 Sneath, E. H., *Prof.* 390 Prospect st.  
 Snitjer, E. N., Jr. *s* 1151 Chapel st.  
 Snyder, C. W., Jr. *m* 1016 Chapel st.  
 Sonnenberg, L. M., Sr. *l* 606 State st.  
 Sorg, P. A., Fr. *s* 126 Wall st.  
 Spaford, J. A., Mid. *l* Bridgeport  
 Spalding, R. A., Jr. *a* 234 D.  
 Spalding, W. A., *Demonstrator* 9 High st.  
 Spear, F. M., Fr. *a* 233 D.  
 Spears, C. B., Jr. *a* 47 v.  
 Speer, H., Jr. *a* 112 N.  
 Speidel, J. W., Jr. *s* 103 Wall st.  
 Spelman, W. C., Sr. *a* 126 N.  
 Spence, T. H., Sr. *a* 293 w.  
 Spencer, C. S., *g* A.  
 Spencer, F. C., *g* 58 N. s. H.  
 Spencer, R. A., Fr. *a* 420 B.  
 Spencer, R. S., So. *a* 1076 Chapel st.  
 Spencer, R. V., So. *a* 420 B.  
 Sperry, A., *mus.* 308 Whalley av.  
 Sperry, F. N., *Ass't.* 76 Wooster st.  
 Spicer, C., *mus.* Groton  
 Spier, L. M., So. *a* 19 v.  
 Spieske, E., *mus.* Hartford  
 Spieske, L., *mus.* Hartford  
 Spitzer, C. B., Sr. *a* 25 v.  
 Spitzer, L. S., Fr. *a* 546 p.  
 Spragins, S. H., *g* 373 Crown st.  
 Spreyer, C. C., Mid. *l* 38 Elliott st.  
 Sprigg, C. C., Fr. *s* 409 Temple st.  
 Stack, T., Jr. *a* 159 Elm st.  
 Stackman, C., Jr. *d* 31 E. D.  
 Stanford, E. J., Jr. *l* 513 Orange st.  
 Stanley, W. E., Sr. *s* 150 Grove st.  
 Stanley, W. K., Jr. *l* 250 York st.  
 Stansfield, G. E., Fr. *a* 210 Prospect st.  
 Starkweather, G. P., *Instr.* 344 Cedar st.  
 Starne, C. A., Jr. *a* 23 v.  
 Starr, C. C., Jr. *s* 60 Grove st.  
 Stearns, T. C., *Instr.* Westport  
 Stebbins, E. A., Fr. *a* 567 p.  
 Steele, P., Fr. *a* 582 p.  
 Stephanoff, C. D., Sr. *a* 1044 Chapel st.  
 Sterling, P., Jr. *s* 103 Wall st.  
 Stern, M. A., Fr. *a* 558 p.  
 Stern, W. T., Sr. *a* 302 w.  
 Stetson, C., Jr. *a* 39 v.  
 Stetson, P. R., Jr. *m* 38 Jewell st.  
 Stevens, A. H., *g* A.  
 Stevens, E. W., Jr. *s* 77 Wall st.  
 Stevens, F. W., Jr. *m* 121 York st.  
 Stevens, G. B., *Prof.* (12 E. D.) 388 Whitney av.  
 Stevenson, R., Jr. *a* 41 v.  
 Stewart, G. W., Fr. *a* 231 York st.  
 Stewart, W. K., Sr. *a* 56 v.  
 Stickney, W. A., So. *a* 22 College st.  
 Stillman, G. S., So. *a* 22 College st.  
 Stocking, J. T., Jr. *d* 20 E. D.  
 Stoddard, H. B., Fr. *a* 552 p.  
 Stoddard, L. E., Sr. *a* 61 v.  
 Stoddard, S., Sr. *a* 316 w.  
 Stoekel, G. J., *Prof.* Norfolk  
 Stone, C. E., *g* A.  
 Stone, L. T., Sr. *s* 1 Hillhouse av.  
 Stone, M. A., Jr. *a* 155 Elm st.  
 Stone, S. H., Fr. *a* 250 York st.  
 Stoner, G. J., Sr. *l* 276 Elm st.  
 Stookey, L. B., Jr. *a* 182 LYC.  
 Stoskopf, W. B., Jr. *a* 277 L.  
 Stowe, H. D., Jr. *s* 57 Grove st.  
 Straus, E. E., So. *a* 129 F.  
 Strayer, P. M., Res. Lic. *d* 36 E. D.  
 Streit, G., 2 *m* S. Quinpiac st.  
 Strobbridge, W., Jr. *s* 152 Grove st.  
 Strong, E. A., Jr. *s* 133 College st.  
 Strong, F., *Lect.* 499 Winthrop av.  
 Strong, F. H., Fr. *a* 219 York st.  
 Strong, J. P., *Clerk* (5 TR.) 222 Sherman av.  
 Strong, P., So. *a* 562 p.  
 Strong, R. U., Sr. *a* 242 York st.  
 Strong, W. M., *Tutor* 307 w.  
 Strouse, L. H., Jr. *s* 143 St. John st.  
 Struby, F. W., So. *a* 1076 Chapel st.  
 Studinski, C. H., *Ass't.* (32 Law School) 343 George st.  
 Studley, M. L., *mus.* 601 Elm st.  
 Sturges, R., Fr. *a* 248 York st.  
 Sturgis, S. C., *g* 1090 Chapel st.  
 Sullivan, C. E., Jr. *a* 289 w.  
 Sullivan, R. B., Jr. *s* 103 Wall st.

- Summerfield, G. C., Sr. *s* 96 Wall st.  
*Summer, W. G., Prof.* 140 Edwards st.  
 Suter, J., Res. Lic. *d* 19 Broad st.  
 Sutphin, S. B., Sr. *s* 131 Grove st.  
*Swain, H. L., Prof.* 232 York st.  
 Swan, J. R., Fr. *a* 203 York st.  
 Swan, T. W., Jr. *a* 317 W.  
 Swann, W. M., Jr. *d* 46 E. D.  
 Swartz, C. C., Jr. *a* 286 W.  
 Sweeney, M., *g* 415 George st.  
 Sweet, C. F., Sr. *a* 295 W.  
 Sweinhart, S. L., Fr. *a* 127 Dwight st.  
 Swenarton, W. H., Jr. *s* 117 Wall st.  
 Swenson, A. C., *i m* 1044 Chapel st.  
 Swift, C. R., Sr. *a* 246 L.  
 Swift, F. H., Fr. *s* 131 Grove st.  
 Swift, J. T., *g* 107 W. D.  
 Symes, J. F., Jr. *s* 131 Grove st.  
 Taber, J., Fr. *a* 594 P.  
 Taft, H., Jr. *a* 41 V.  
 Taintor, C. M., Jr. *s* 101 Wall st.  
 Taintor, J. S., So. *a* 415 B.  
 Talbot, H. R., Fr. *s* 397 Temple st.  
 Talcott, C. D., Fr. *a* 143 F.  
 Talcott, L. H., Fr. *a* 219 York st.  
 Talcott, M. G., Fr. *a* 219 York st.  
 Tallmadge, W. H., Fr. *s* 419 Temple st.  
 Tarbell, H. A., Jr. *m* 1142 Chapel st.  
 Tatum, E. H., Jr. *a* 325 W.  
 Taylor, A. M., Fr. *a* 248 York st.  
*Taylor, E. G., Ass't. (15 WH.)* Hartford  
 Taylor, E. L., Fr. *s* 133 Wall st.  
 Taylor, H. F., So. *a* 56 Carmel st.  
 Taylor, I. G., *mus.* Saugatuck  
*Taylor, R. L., Instr.* 67 Mansfield st.  
 Taylor, W. J., *g* 219 Columbus av.  
 Taylor, W. V., Jr. *a* 343 WH.  
 Taylor, W. W., Jr. *s* 110 Wall st.  
 Teel, B. G., Fr. *a* 538 P.  
 Teller, H. B., Sr. *a* 104 N.  
 Teller, W. R., Fr. *a* 1076 Chapel st.  
 Ten Broeck, R., Fr. *s* 1076 Chapel st.  
 Tennant, G. B., Jr. *a* 134 F.  
 Tenney, J. G., Fr. *a* 21 Lynwood st.  
 Terry, A. H., Sr. *s* 30 Hillhouse av.  
 Terry, C. T., So. *a* 84 Wall st.  
 Tewksbury, L. B., Fr. *a* 144 Park st.  
 Thacher, H. C., Fr. *a* 91 Park st.  
*Thacher, T., Lecturer* N. Y. City  
 Thaw, W., Jr. *s* 248 York st.  
 Theall, T. J., Sr. *l* 1151 Chapel st.  
 Thibault, L. J., Jr. *m* 528 Chapel st.  
 Thomas, A., *mus.* 96 Sherman av.  
 Thomas, A. A., So. *a* 568 P.  
 Thomas, C. A., So. *a* 336 George st.  
 Thomas, D. O., Jr. *a* 202 D.  
 Thomas, E., Sr. *a* 217 D.  
 Thomas, J. H., So. *a* 522 P.  
 Thomas, L. M., So. *a* 22 College st.  
 Thomas, R. W., Jr. *a* 182 LYC.  
 Thomas, S. E., Sr. *s* 111 Grove st.  
 Thomas, W. S., Jr. *s* 144 Park st.  
 Thompson, C. B., Jr. *a* 227 D.  
 Thompson, C. E., Sr. *a* 217 D.  
 Thompson, C. S., Fr. *a* 127 N.  
 Thompson, E. N. S., Jr. *a* 127 N.  
 Thompson, E. P., So. *a* 1044 Chapel st.  
 Thompson, H. D., Jr. *l* 102 Orange st.  
 Thompson, L. H., Sr. *s* 17 Hillhouse av.  
 Thompson, M., *f* 67 Mansfield st.  
 Thompson, P., So. *a* 132 Howe st.  
 Thompson, W. H., *g* 37 Beers st.  
 Thorne, N. C., So. *a* 8 Ashmun st.  
 Thorpe, W. P., Jr. *a* 175 F.  
 Tiffany, C. L., Jr. *a* 382 WH.  
 Tillinghast, E. M., *g* 364 Mansfield st.  
 Tillinghast, R. B., Fr. *a* 598 P.  
 Tillitt, M. H., So. *a* 411 B.  
 Tillou, M. L., *mus.* 118 College st.  
*Tilson, J. Q., Steward* 550 P.  
 Tinker, C. B., Sr. *a* 414 B.  
 Tizak, H., *mus.* 77 Washington st.  
 Tobel, A. E. von, Sr. *m* 391 George st.  
 Todd, E. J., Sr. *l* 1044 Chapel st.  
 Tolles, B. I., So. *a* 364 Orchard st.  
 Tomkins, H. H., Sr. *a* 67 V.  
 Tompkins, H. W., Fr. *a* 223 York st.  
 Tomlinson, J. C., So. *a* 1076 Chapel st.  
 Toothe, E. S., Fr. *s* 110 Wall st.  
*Torrance, D., Instr.* Derby  
 Torrey, W. J., Sr. *a* 354 WH.  
*Townsend, J. M., Lecturer* N. Y. City  
 Townsend, M. T., Sr. *s* 17 Hillhouse av.  
*Townsend, W. K., Prof.* 148 Grove st.  
 Townshend, H. H., Jr. *l* 234 Church st.  
 Townshend, R., Jr. *s* 133 College st.  
 Tracy, E. A., Sr. *a* 128 N.  
*Tracy, J. C., Instr.* (127 WINCH.)  
 Tracy, R. G., Jr. *m* 55 Dwight pl.  
 Tracy, W. E., Jr. *a* 216 Cedar st.  
 Treadway, C. T., Jr. *a* 274 L.  
 Treadway, C. T., Jr. *a* 22 College st.  
 Treadwell, L. S., Jr. *s* 17 Hillhouse av.  
 Tredway, E. E., So. *a* 395 B.  
 Trinkaus, G. J., *mus.* Bridgeport

- Tritch, B. F., Sr. *s* 111 Grove st.  
*Troostwyk, I., Instr.* 11 Park st.  
 Troup, P., Jr. *s* 8 Trumbull st.  
 Trowbridge, E. Q., Sr. *a* 21 v.  
 Trowbridge, M., Fr. *a* 120 High st.  
 Troxell, T. N., Fr. *a* 119 Wall st.  
 Truman, F., *f* 319 Crown st.  
 Truslow, E., Sr. *a* 284 w.  
 Tucker, W. G., Fr. *a* 88 Lake pl.  
 Turney, L. F., Sr. *a* Derby  
 Tuttle, C. B., Jr. *a* 321 w.  
 Tuttle, E. H., So. *a* 217 Mansfield st.  
 Tuttle, L., So. *a* 217 Mansfield st.  
 Twachtman, J. A., *f* 83 Grove st.  
 Tweedy, L., Sr. *a* 69 v.  
 Tweedy, R. L., Jr. *a* 287 w.  
 Twichell, B. P., So. *a* 154 F.  
 Twichell, R. C., Jr. *a* 326 w.  
 Twining, K., So. *a* 536 P.  
 Tyler, C. H., Mid. *l* 149 College st.  
 Tyler, E. F., *f* 33 College st.  
*Tyler, M. F., Prof.*  
 (42 Church st.) 33 College st.  
 Tyler, R. P., So. *a* 34 College st.  
 Tyler, W. B., Fr. *a* 34 College st.  
 Ullman, J. B., Sr. *l* 169 Olive st.  
 Underhill, F. P., Jr. *s* 57 Prospect st.  
 Underwood, A. G., Jr. *s* 107 Wall st.  
 Upham, W. H., Jr. *s* Meriden  
 Upton, E. C., Sr. *a* 4 v.  
 Urban, G. P., Fr. *s* 393 Temple st.  
 Vaile, E. O., So. *a* 259 L.  
 Valentine, J. A., Fr. *a* 38 Lynwood st.  
*Valentine, W., Ass't.* 162 s. L.  
 VanBuren, A. W., Jr. *a* 261 Orange st.  
 VanDenburg, J. K., *g* 78 Lake pl.  
 Vanderbilt, A. G., Sr. *a* 31 v.  
 Vanderbilt, C., *g* A.  
 Vanderbilt, R. C., Fr. *a* 7 v.  
 Vandeveer, F. L., Mid. *l* 59 Prospect st.  
 VanderVeer, A., Jr. *a* 35 v.  
 VanDyke, L., Jr. *a* 209 D.  
 VanEvery, H. F., Sr. *s* 96 Wall st.  
*Van Name, A., Libr'n. (LIBR.)*  
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 VanName, R. G., Sr. *a* 350 WH.  
*VanName, W. G., Ass't.* 121 High st.  
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 VonTobel, A. E., Sr. *m* 391 George st.  
 Waddell, L. D., Fr. *s* 425 Temple st.  
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*Walden, P. T., Instr.* 162 s. L.  
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 Walker, J. H., Fr. *a* 130 Howe st.  
 Walker, J. T., Sr. *s* 133 College st.  
 Walker, R. P., *g* 47 Lake pl.  
 Walker, W., Sr. *s* 111 Grove st.  
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 Wallace, R., *mus.* Ansonia  
 Wallace, T. J., Jr. *l* 250 York st.  
 Wallace, W. G., Sr. *a* 97 N.  
 Waller, E. C., Sr. *s* 1151 Chapel st.  
 Walsh, M., *f* New Britain  
 Walsh, R. W., So. *a* 323 w.  
 Walsh, T., 1 m 155 Spring st.  
 Walter, A. G., *g* 267 Portsea st.  
 Walton, H. O., Jr. *s* 1151 Chapel st.  
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 Walton, L. F., So. *a* 1151 Chapel st.  
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 Ward, S. D., Fr. *a* 250 York st.  
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Warner, H. B., Sr. a	103 N.	Wellman, G., Sr. a	42 v.
Warnock, J. D., g	Cheshire	Wells, B., Fr. s	99 Wall st.
Warren, A., Sr. a	50 v.	Wells, C. W., Instr. (15 wh.)	203 Lawrence st.
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Warren, F. H., Sr. s	107 Wall st.	Wells, H. H., Jr. a	407 B.
Warren, F. P., Sr. s i	Hillhouse av.	Wells, H. L., Prof. (151 S. L.)	57 Trumbull st.
Warren, N. W., Jr. a	128 High st.	Wells, P. P., Libr.	(32 Law School) 72 Mansfield st.
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Warren, W. H., So. a	584 P.	Welsh, J. J., Fr. a	119 Park st.
Warren, W. O., Sr. s	17 Hillhouse av.	Wendel, D. J., Jr. l	383 George st.
Warrin, R. H., Fr. s	61 Grove st.	Wescott, H. D., So. a	292 W.
Warrin, R. O., Fr. s	61 Grove st.	Wessel, H. A., Fr. a	1076 Chapel st.
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Waters, B., Sr. d	25 E. D.	Westcott, A. G., mus.	Hartford
Waters, H. G., Fr. a	1151 Chapel st.	Westfall, W. D. A., So. a	584 P.
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Watrous, G. D., Prof.	(153 Church st.) 261 Bradley st.	Weston, S. A., Jr. a	360 WH.
Watson, D. B., Sr. s	92 Dwight st.	Wetmore, A. H., f	178 Wooster st.
Watson, E. P., Jr. l	1151 Chapel st.	Weyer, E. M., Ass't.	(109 Elm st.)
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Watts, J. M., Jr. s	110 Wall st.	Wheeler, A., g	Bridgeport
Way, A. F., Sr. a	355 WH.	Wheeler, A. L., Tutor	81 Cottage st.
Wayland, F., Dean	(11 Law School) 175 Whitney av.	Wheeler, A. M., Prof.	(207 D.)
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Wear, J. H., So. a	22 College st.	Wheeler, Albert S., Instr.	Hotel Davenport
Wear, J. W., Sr. a	24 v.	Wheeler, A. Stanley, Fr. a	86 Trumbull st.
Weaver, C. E., Sr. s	65 Spring st.	Wheeler, F. M., So. a	282 L.
Webb, A. M., So. a	251 L.	Wheeler, H. L., Instr.	162 S. L.
Webb, J. H., Instr.	42 Church st.	Wheeler, J. E., Jr. s	103 Wall st.
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Webster, H. A., Jr. s	17 Hillhouse av.	Wheeler, W. M., Sr. a	339 WH.
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Weeks, H. T., So. a	22 College st.	Whitcomb, A. M., mus.	5 Gilbert av.
Weeks, W. R., Fr. a	126 Wall st.	Whitcomb, W. A., g	A.
Weichert, R. F., Jr. a	91 S. M.	White, A. B., Lect.	105 Dwight st.
Weir, J. E., Prof.	(9 Art School) 58 Trumbull st.	White, C. D., Fr. a	180 Willow st.
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Welch, G. A., So. a	256 L.	White, J. E., Fr. s	407 Temple st.
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Weller, C. H., g	17 Parmelee av.		
Welles, A. T., Fr. s	372 George st.		

- White, O. W., So. *a* 151 F.  
 White, P. G., Fr. *a* 203 York st.  
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 Whitley, M. J., Fr. *s* 248 York st.  
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 Whitman, C. H., *g* 139 Dwight st.  
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 Whitney, F. E., Fr. *s* 64 Lake pl.  
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 Wilcox, R. N., Sr. *s* 22 College st.  
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 Wilde, T. E., Fr. *a* 82 Wall st.  
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 Williams, H. G., Jr. *a* 374 WH.  
 Williams, H. S., Prof. (6 M.) 282 Prospect st.  
 Williams, J. B., 2 *m* Bridgeport  
 Williams, J. G., Jr. *m* 121 York st.  
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 Williams, W. B., Jr. *a* 257 L.  
 Williams, W. K., Jr. *a* 164 F.  
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 Wilson, R. R., Sr. *a* 291 w.  
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 Wood, C. D., Jr. *s* 111 Grove st.  
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 Woodruff, R. J., Sr. *l* 865 Chapel st.  
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 Wright, C. L., Jr. *d* 33 E. D.  
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 Wright, H. H., Jr. *l* 411 Temple st.  
 Wright, H. P., Prof. (135 Elm st.) 128 York st.  
 Wright, J., Fr. *a* 270 Crown st.  
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 Young, F. H., 1 *m* 404 Crown st.  
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 Young, L. M., *mus.* 131 High st.

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